Form 3160-3 (November 1983) (formerly 9-331C)

DEPARTMENT OF THE INTERIOR

See Drilling Program/Casling Design

(Other instructions on reverse st

Form approved. Budget Bureau No. 1004-0136 Expires August 31, 1985

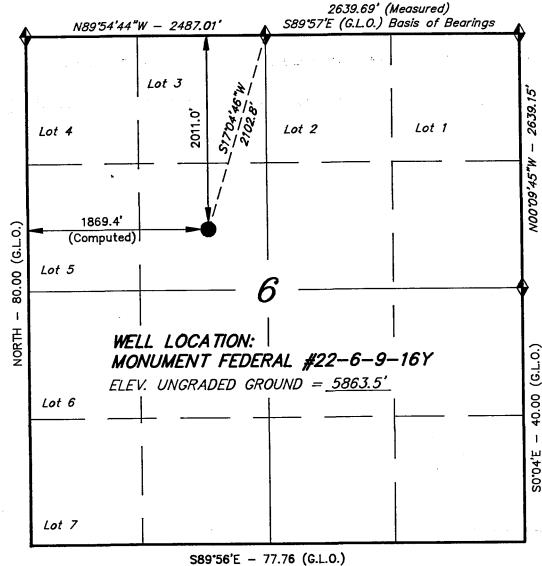
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	BUREAU OF	LAND MANAG	EMENT	l.	اع المالياد		UTU-74390	
APPLICATION	FOR PERMIT	O DRILL D	EEPEN	. OR	PLUG I	BACK	6. IF INDIAN, ALLOTTES	OR TRIBE NAME
	TON TEMPIN	0 011122/ 2		7			n/a	
1a. TYPE OF WORK	LL 🛛	DEEPEN []	Pl	LUG BA	ск 🗆	7. UNIT AGREEMENT N	AMB
b. TYPE OF WELL	- -		_				n/a	
OIL TEL OA	S OTHER		BING! Zone	·* 🗀	MULTI ZONE	PLE	8. FARM OR LEASE NAI	
2. NAME OF OPERATOR							Monument Fe	ederai
	Resources Ener	gy Company					9. WELL NO. #22-6-9-16	
3. ADDRESS OF OPERATOR	D:11:	NT F01	02 /40	c) 2E0	_7060		10. FIELD AND POOL, C	
1601 Lewi	s Avenue; Billi	ngs, MI 5910	JZ (40)	0) 259	-/600		Monument Butt	
4. LOCATION OF WELL (Re	eport location clearly and				_		11. BEC., T., R., M., OB	
	Section 6, T9	S, R16E	2011'		1869' F	NL	AND SURVEY OR AL	
At proposed prod. son			613		5 6 9		6, T9S, R16	6E
14. DISTANCE IN MILES	ND DIRECTION FROM NEA	REST TOWN OR POST	OFFICE.				12. COUNTY OR PARISH	13. STATE
				SW			Duchesne	UTAH
15. DISTANCE FROM PROPU LOCATION TO NEAREST PROPERTY OR LEASE L	From Myton, Utah approximately 5. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig, unit line, if any)			F ACRES	IN LEASE	TO T	OF ACRES ABSIGNED HIS WELL	
18. DISTANCE FROM PROP	DEED LOCATION®	· · · · · · · · · · · · · · · · · · ·				20. ROTA	RY OR CABLE TOOLS	
TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.						Ro	otary	
21. ELEVATIONS (Show who	ther DF, RT, GR, etc.)			-			22. APPROX. DATE WO	DRE WILL START
23.	1	PROPOSED CASIN	G AND C	EMENTI	NG PROGE	MA		
SIZE OF HOLE	BIZE OF CABING	WEIGHT PER FO	or	BETTIN	G DEPTH		QUANTITY OF CEME	NT
						_		

Operator plans to drill this well in accordance with the attached EXHIBITS. A listing of EXHIBITS is also attached.

SELF CERTIFICATION: I hereby certify that I am authorized, by proper lease interest owner, to conduct these operations associated with the application. Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by Equitable Resources Energy Company as principal and Safeco Insurance Company of America as surety under BLM Bond No. MT 0576 (Nationwide Oil & Gas Bond #5547188) who will be responsible for compliance with all of the terms and conditions of that portion of the lease associated with this application.

ORIGINAL: Bureau of Land Management (Vernal, UT) COPY: Utah Division of Oil, Gas and Mining IN ABOVE BPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, zone. If proposal is to drill or deepen directionally, give pertinent data on subsurf preventer program, if any.	DECEIVE proposed new productive some is proposed new productive rate latestions and manures and tractal depths. Give blowout
Regulator SIGNED BODDIE Schuman Regulator TITLE Environm	y and
(This space for Federal or State office use) PERNIT NO	SumEngner DATE 11/14/96

T9S, R16E, S.L.B.&M.



= SECTION CORNERS LOCATED

BASIS OF ELEV; U.S.G.S. 7-1/2 min QUAD (MYTON SW)

EQUITABLE RESOURCES ENERGY CO.

WELL LOCATION, MONUMENT FEDERAL #22-6-9-16Y, LOCATED AS SHOWN IN THE SE 1/4 NW 1/4 OF SECTION 6, T9S, R16É, S.L.B.&M. DUCHESNE COUNTY, UTAH.



TRI STATE LAND SURVEYING & CONSULTING

38 WEST 100 NORTH - VERNAL, UTAH 84078 (801) 781-2501

SCALE: 1" = 1000'	SURVEYED BY: G.S. D.S.
DATE: 9-6-96	WEATHER: WARM
NOTES:	FILE #

CONFIDENTIAL

AS OPERATOR, WE HEREBY REQUEST THAT THE STATUS OF THIS WELL BE HELD TIGHT FOR THE MAXIMUM PERIOD ALLOWED BY FEDERAL AND STATE REGULATIONS.

Equitable Resources Energy Company
Western Region
1601 Lewis Avenue
Billings, MT 59102
(406) 259-7860
FAX: (406) 245-1361

EXHIBITS

- A PROPOSED DRILLING PROGRAM
- B PROPOSED SURFACE USE PROGRAM
- C GEOLOGIC PROGNOSIS
- D DRILLING PROGRAM/CASING DESIGN/WELLBORE DIAGRAM
- E HAZMAT DECLARATION
- F EXISTING & PLANNED ACCESS ROADS (MAPS A & B)
- G WELLSITE LAYOUT
- H BOPE SCHEMATIC
- I EXISTING ROADS (MAP C)
- J PROPOSED PRODUCTION FACILITY DIAGRAM
- K SURVEY PLAT
- L LAYOUT/CUT & FILL DIAGRAM
- M GAS GATHERING PIPELINE ROW APPLICATION

9/25/96

PROPOSED DRILLING PROGRAM

Western Region

Monument Federal #22-6-9-16Y

SE NW Section 6, T9S, R16E

Duchesne County, Utah

In accordance with requirements outlined in 43 CFR 3162-3.1 (d):

1. ESTIMATED IMPORTANT GEOLOGICAL MARKERS:

See Geologic Prognosis (EXHIBIT "C")

2. <u>ESTIMATED DEPTHS OF ANTICIPATED OIL, GAS OR WATER:</u>

See Geologic Prognosis (EXHIBIT "C")

- 3. OPERATOR'S MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:
 - a. EXHIBIT "H" is a schematic of the BOP equipment and choke manifold. A 2M system will be used. The BOPE will be installed after setting 8-5/8" casing at 260'. The blind rams and pipe rams will be tested to 1500 psi. Pipe rams will be operationally checked each 24-hour period and blind rams each time pipe is pulled out of the hole.
 - b. The BOPE will be tested to 1500 psi when initially installed, whenever any seal subject to test pressure is broken, and following related repairs. The pipe and blind rams will be activated at least weekly and on every trip the pipe and blind rams will be activated.
 - c. An accumulator of sufficient capacity to open the hydraulically-controlled choke valve lines (if so equipped), close all rams, and retain a minimum of 200 psi above precharge on the closing manifold without the use of the closing unit pumps will be installed during the drilling of this well.
 - d. An upper kelly cock will be used during the drilling of this well.
 - e. Visual mud monitoring equipment will be used to detect volume changes indicating loss or gain in circulating fluid volume.
 - f. Sufficient quantities of mud materials will be maintained or readily accessible for the purpose of assuring well control.

4. PROPOSED CASING AND CEMENTING PROGRAM:

- a. Surface casing will be set in the Uinta formation to approximately 260' and cemented to surface.
- b. All potentially productive hydrocarbon zones will be isolated.
- c. Casing designs are based on factors of burst: 1.00, collapse: 1.125, and joint strength: 1.8.
- d. All casing strings will be pressure tested to 0.22 psi/ft. of casing string length or 1500 psi whichever is greater (not to exceed 70% of yield).
- e. For details of casing, cement program, drilling fluid program, and proposed mud program, see the following attachment:

Drilling Program/Casing Design (EXHIBIT "D")

5. HAZARDOUS PRESSURES, TEMPERATURES, FLUIDS/GASSES EXPECTED:

- a. Expected bottom hole temperature is 125 degrees F. Expected bottom hole pressure is 1500 psi.
- b. No abnormal pressures or temperatures have been noted or reported in wells drilled to the Green River formation in this area.
- c. No dangerous levels of hydrogen sulfide, hazardous fluids, or gasses have been found, reported, or known to exist at the depth to be drilled in this well, in this area.

6. ANTICIPATED STARTING DATE AND DURATION OF OPERATIONS:

- a. The drilling operations for this well will begin as soon after APD approval as possible.
- b. These drilling operations should be completed within 12 days after spudding the well depending on weather and hole conditions.
- c. If the well is productive, a sundry notice and plat showing exact installed facilities will be submitted.

d. If this well is non-productive, a sundry notice will be filed with the BLM District Office within 30 days following completion of the well for abandonment.

7. OTHER

- a. Operator requests a variance to regulations requiring a straight run blooie line.
- b. Operator requests a variance to regulations requiring an automatic ignitor or continuous pilot light on the blooie line.
- c. When running 5-1/2" production casing we will install 5-1/2" pipe rams and are hereby requesting a variance on testing. We request not to test.

Multi-Point Surface Use and Operations Plan

EQUITABLE RESOURCES ENERGY COMPANY MONUMENT FEDERAL #22-6-9-16Y SE NW SECTION 6, T9S, R16E DUCHESNE COUNTY, UTAH

1. Existing Roads: Refer to Maps "A" & "B" (shown in RED)

- A. The proposed well site is staked and four reference stakes are present. 150' & 200' Northwest and 175' & 225' Southwest.
- B. The Monument Federal #22-6-9-16Y is located 10 miles Southwest of Myton Utah in the SE1/4 NW1/4 Section 6, T9S, R16E, SLB&M, Duchesne County, Utah. To reach the 22-6-9-16Y, proceed West from Myton, Utah along U.S. Highway 40 for 1.6 miles to the junction of this highway and Sand Wash road; Proceed South along the Sand Wash road approximately 1.7 miles to a road intersection, turn right and continue 6.9 miles to a road intersection. Turn right and proceed 0.6 mile to an existing well and the proposed access road sign. Follow flags 0.9 mile to location.
- C. Access roads refer to Maps "A" and "B".
- D. Access roads within a one-mile radius refer to map "B".
- E. The existing roads will be maintained in the same or better condition as existed prior to the commencement of operations and said maintenance will continue until final abandonment and reclamation of the well location.

2. Planned Access Roads: Refer to Map "B"

Approximately 0.9 mile of new road construction will be required for access to the proposed well location.

A. Width - maximum 30-foot overall right-of-way with an 18foot road running surface, crowned & ditched and/or sloped and dipped. B. Construction standard - the access road will be constructed so as to conform to the standards outlined in the Bureau of Land Management and Forest Service publication: Surface Operating Standards for Oil and Gas Exploration and Development. (1989)

The road will be constructed to meet the standards of the anticipated traffic flow and all-weather requirements. Construction will include ditching, draining, crowning, and capping or sloping and dipping the roadbed as necessary to provide a well constructed and safe road. Prior to construction/upgrading, the roadway shall be cleared of any snow cover and allowed to dry completely. Traveling off of the thirty (30) foot right-of-way will not be allowed.

Road drainage crossings shall be of the typical dry creek drainage crossing type. Crossing shall be designed so they will not cause siltation or the accumulation of debris in the drainage crossing nor shall the drainages be blocked by the roadbed. Erosion of drainage ditches by runoff water shall be prevented by diverting water off at frequent intervals by means of cutouts.

Upgrading shall not be allowed during muddy conditions.

Should mud holes develop, they shall be filled in and detours around them avoided.

- C. Maximum grade Less than 8%
- D. Turnouts no turnouts will be required on this access road.
- E. Drainage design the access road will be crowned and ditched or sloped and dipped, and water turnouts installed as necessary to provide for proper drainage along the access road route.
- F. Culverts, cuts and fills none.
- G. Surface materials all construction materials will be native material taken from onsite.
- H. Gates, cattleguards or fence cuts none required.
- I. Road maintenance during both the drilling and production phase of operations, the road surface and shoulders will be kept in a safe and useable condition and will be maintained in accordance with the original construction standards. All drainage ditches and culverts

will be kept clear and free-flowing, and will also be maintained in accordance with the original construction standards. The access road right-of-way will be kept free of trash during operations.

- J. The proposed access road has been centerline flagged.
- K. If a right-of-way is required please consider this APD the application for said right-of-way.

3. Location of Existing Wells Within a One-Mile Radius:

Please Refer to Map "C"

- A. Water wells none known.
- B. Abandoned wells see Map "C"
- C. Temporarily abandoned wells none known.
- D. Disposal wells none known.
- E. Drilling wells none known.
- F. Producing wells see Map "C".
- G. Shut-in wells none known.
- H. Injection wells none known.
- I. Monitoring wells none known.

4. Location of Existing and/or Proposed Facilities Owned by Equitable Resources Energy Company Within a One-Mile Radius:

A. Existing

- 1. Tank batteries see Map "C".
- 2. Production facilities see Map "C".
- 3. Oil gathering lines none.
- Gas gathering lines see Map "C".

B. New Facilities Contemplated

- 1. All production facilities will be located on the disturbed portion of the well pad and at a minimum of twenty-five (25) feet from the toe of the backslope or toe of the fill slope.
- 2. The production facilities will consist primarily of a pumping unit, Two tanks and an emergency pit. A diagram showing the proposed production facility layout is included in this APD.
- 3. Production facilities will be accommodated on the existing well pad. Construction materials required for installation of the production facilities will be obtained from the site; any additional materials required will be purchased from a local supplier having

a permitted (private) source of materials within the area.

A dike will be constructed completely around those production facilities which contain fluids (i.e. production tanks, produced water tanks and/or heater treater). These dikes will be constructed of compacted subsoil, be impervious, hold 100% of the capacity of the largest tank, and be independent of the back cut.

- 4. All permanent (onsite for six months or longer) above the ground structures constructed or installed including pumping units) will be painted Desert Brown. All production facilities will be painted within six (6) months of installation. Facilities required to comply with Occupational Health and Safety Act Rules and Regulations will be excluded from this painting requirement.
- C. The production (emergency) pit will be 12'x12' and will be fenced. Said fence will be maintained in good condition.
- D. During drilling and subsequent operations, all equipment and vehicles will be confined to the access road right-of-way and any additional areas as specified in the approved Application for Permit to Drill.
- E. Reclamation of disturbed areas no longer needed for operation will accomplished by grading, leveling and seeding as recommended by the Bureau of Land Management.

For Pipeline:

- F. Any proposed pipelines will be submitted to the authorized officer Via Sundry Notice for approval of subsequent operations.
- G. Equitable Resources Energy Company shall be responsible for road maintenance from the beginning to completion of operations.

5. Location and Type of Water Supply

A. Water to be used for the drilling of these wells will be hauled by truck over the roads described in item #1 and item #2, from a well owned by Owen Dale Anderson of Vernal Utah or from a spring owned by Joe Shields of Myton Utah. Source will be determined by sundry notice closer to the

beginning of drilling operations.

B. No water well will be drilled on this location.

6. Source of Construction Materials

- A. No construction materials are needed for drilling operations. In the event of production, the small amount of gravel needed for facilities will be hauled in by truck from a local gravel pit over existing access roads to the area. No special access other than for drilling operations and pipeline construction is needed.
- B. All access roads crossing Federal land are described under item #2, and shown on Map #A.

All construction material for these location sites and access roads shall be borrowed material accumulated during the construction of the location sites and access roads. No additional construction material from other sources is anticipated at this time, if in the future it is required the appropriate actions will be taken to acquire it from private sources.

- C. All surface disturbance area is on B.L.M. lands.
- D. There are no trees on this location.

7. Methods of Handling Waste Materials:

- A. Cuttings the cuttings will be deposited in the reserve pit.
- B. Drilling fluids including salts and chemicals will be contained in the reserve pit. Upon termination of drilling and completion operations, the liquid contents of the reserve pit will be removed and disposed of at an approved waste disposal facility within one hundred twenty (120) days after termination of drilling and completion activities.

In the event adverse weather conditions prevent removal of the fluids from the reserve pit within this time period, an extension may be granted by the Authorized Officer upon receipt of a written request from Equitable Resources Energy Company.

The reserve pit will be constructed so as not to leak, break, or allow discharge. The reserve pit will be lined with a 12 mil plastic reinforced liner.

C. Produced fluids - liquid hydrocarbons produced during completion operations will be placed in test tanks on the location. Produced waste water will be confined to a lined pit (reserve pit) or storage tank for a period not to exceed ninety (90) days after initial production. During the ninety (90) day period, in accordance with Onshore Order #7, an application for approval of a permanent disposal method and location, along with the required water analysis, shall be submitted for the Authorized Officer's approval. Failure to file an application within the time frame allowed will be considered an incidence of noncompliance.

Any spills of oil, gas, salt water or other noxious fluids will be immediately cleaned up and removed to an approved disposal site.

- D. Sewage self-contained, chemical toilets will be provided for human waste disposal. Upon completion of operations, or as needed, the toilet holding tanks will be pumped and the contents thereof disposed of in the nearest, approved, sewage disposal facility.
- E. Garbage and other waste material garbage, trash and other waste materials will be collected in a portable, self-contained and fully-enclosed trash cage during drilling and completion operations. Upon completion of operations (or as needed) the accumulated trash will be disposed of at an authorized sanitary landfill. No trash will be burned on location or placed in the reserve pit.
- F. Immediately after removal of the drilling rig, all debris and other waste materials not contained in the trash cage will be cleaned up and removed from the well location. No adverse materials will be left on the location. Any open pits will be fenced during the drilling operation and the fencing will be maintained until such time as the pits are backfilled.
- G. The reserve and/or production pit will be constructed on the existing location and will not be located in natural drainages where a flood hazard exists or surface runoff will destroy or damage the pit walls. All pits will be constructed so as not to leak, break, or allow the discharge of liquids therefrom.

8. Ancillary Facilities:

None anticipated.

9. Wellsite Layout:

- A. Plat #1 shows the drill site layout as staked. Cross sections have been drafted to visualize the planned cuts and fills across the location. An average minimum of six (6) inches of topsoil will be stripped from the location (including areas of cut, fill, and/or subsoil storage) and stockpiled for future reclamation of the well site. Refer to Figure #1 for the location of the topsoil and subsoil stockpiles. The reserve pit will be on the Southeast side of location. Access will be from the South near corner #6.
- B. Plat #2 is a diagram showing the rig layout. No permanent living facilities are planned. There may be as many as three (3) trailers on location during drilling operation.
- C. A completion rig will be moved onto location for completion operations after drilling operations have been completed and the drilling rig has been moved off location.
- D. A diagram showing the proposed production facility layout is included in this APD.
- E. The reserve pit will be constructed so as to be capable of holding 12,000 bbls. of fluid.
 - The reserve pit will be lined with a 12 mil plastic liner, it will be torn and perforated after the pit dries and before backfilling of the reserve pit.
- F. Prior to the commencement of drilling operations, the reserve pit will be fenced on three (3) sides using 39— inch net wire with one strand of barbed wire on top of the net wire. The net wire will be no more than two inches above the ground. the barbed wire will be three inches above the net wire. total height of the fence will be at least 42-inches.
 - 1. Corner posts shall be cemented and/or braced in such a manner to keep the fence tight at all times.
 - 2. Standard steel, wood, or pipe posts shall be used between the corner braces. The maximum distance between any two (2) posts shall be no greater than sixteen (16) feet.
 - 3. All wire shall be stretched, by using a stretching device, before it is attached to the corner posts.

The fourth side of the reserve pit will be fenced immediately upon removal of the drilling rig and the fencing will be maintained until the pit is backfilled.

G. Any hydrocarbons on the pit will be removed from the pit as soon as possible after completion operations are completed.

10. Plans for Reclamation of the Surface:

The B.L.M. will be contacted prior to commencement of any reclamation operations.

A. Production

- Immediately upon well completion, the well location and surrounding area(s) will be cleared of all debris, materials, trash and junk not required for production.
- 2. Immediately upon well completion, any hydrocarbons on the pit shall be removed in accordance with 43 CFR 3162.7-1.
- 3. The plastic pit liner shall be torn and perforated before backfilling of the reserve pit.
- 4. Before any dirt work to restore the location takes place, the reserve pit will be completely dry and all cans, barrels, pipe, etc. will be removed.

Other waste and spoil materials will be disposed of immediately upon completion of drilling and workover activities.

- 5. The reserve pit and that portion of the location and access road not needed for production facilities/operations will be reclaimed within one hundred twenty (120) days from the date of well completion, weather permitting.
- Company will, upgrade and maintain access roads as necessary to prevent soil erosion, and accommodate year round traffic. Reshape areas unnecessary to operations, distribute topsoil, disk and seed all disturbed areas outside the work area according to the recommended seed mixture. Perennial vegetation must be established. Additional work shall be required in case of seeding failures, etc.

If the well is abandoned/dry hole, Equitable Resources

Energy Company will, restore the access road and location to approximately the original contours. During reclamation of the site, push the fill material into cuts and up over the backslope. Leave no depressions that will trap water or form ponds. Distribute topsoil evenly over the location, and seed according to the above seed mixture. The access road and location shall be ripped or disked prior to seeding. Perennial vegetation must be established. Additional work shall be required in case of seeding failures, etc.

Seedbed will be prepared by disking, following the natural contours. Seed will be drilled on contours at a depth no greater than one-half inch (1/2"). In areas that cannot be drilled, seed will be broadcast at double the seeding rate and harrowed into soil. Certified seed will be used whenever available.

Fall seeding will be completed after September 15 and prior to prolonged ground frost. Spring seeding, to be effective, will be completed after the frost has left the ground and prior to May 15th.

7. Upon completion of backfilling, leveling and recontouring, the stockpiled topsoil will be evenly spread over the reclaimed area(s). Prior to reseeding, all disturbed surfaces will be scarified and left with a rough surface. No depressions will be left that would trap water and form ponds. All disturbed surfaces will be reseeded with the seed mixture stipulated by the B.L.M.

Seed will be drilled on the contour to a approximate depth of one-half (1/2) inch. All seeding will be conducted after September 15 and prior to ground frost. Spring seeding will be done after the frost leaves the ground and no later than May 15. If the seeding is unsuccessful, Equitable Resources may be required to make subsequent seedings.

B. Dry Hole/Abandoned Location

- On lands administered by the Bureau of Land Management, abandoned well sites, roads, or other disturbed areas will be restored to near their original condition. This procedure will include:
 - (c) ensuring revegetation of the disturbed areas to the specifications of the Bureau of Land Management at the time of abandonment.

Page (9)

2. All disturbed surfaces will be recontoured to the approximate natural contours and reseeded according to BLM specifications. Reclamation of the well pad and access road will be performed as soon as practical after final abandonment and reseeding operations will be performed in the fall or spring following completion of reclamation operations.

11. Surface Ownership:

The well site and proposed access road are situated on surface lands administered by

Bureau of Land Management Vernal District Office Vernal, Utah

12. Other Information:

A. Topographic and geologic features of the area (reference Topographic Map #A) are:

The proposed drill site is located in the Monument Butte oil field, which lies in a large basin formed by the Uinta Mountains to the North and the Bookcliff Mountains to the South. The site is located approximately 15 miles Northwest of the Green River, which is the major drainage for this area, and approximately 13 miles Southwest of Myton Utah.

This basin floor is interlaced with numerous canyons and ridges formed by the non-perennial streams of the area. The sides of these canyons are steep and ledges formed in sandstone, conglomerate deposits and shale are common in this area.

The geologic structures that are visible in the area are of the Uinta formation (Eocene Epoch) tertiary period and the cobblestone and younger alluvial deposits from the Quaternary period.

The soils in the semi-arid area of the Williams Fork Formation (Upper Cretaceous) and Wasatch Formation (Eocene) consist of light brownish gray clay (OL) to sand soil (SM-ML) type with poorly graded gravels.

Outcrops of sandstone ledges, conglomerate deposits and shale are common in this area.

The topsoils in the area range from a sandy clay (SM-ML)

Page (10)

type soil to a clayey (OL) soil.

The majority of the numerous washes and draws in the area are of a non-perennial nature flowing during the early spring run-off and heavy rain storms of long duration which are rare as the normal annual rainfall in the area is only 8".

The flora of the area includes sagebrush, mountain mahogany, serviceberry, rabbit brush, greasewood, fourwing saltbush, Gambel scrub oak, willow, tamarack, shadscale, Spanish bayonet, indian rice grass, cheatgrass, wheatgrass, curly grass, crested wheatgrass, sweet clover, gum weed, foxtail, mustard, Canadian thistle, Russian thistle, Kochia, sunflowers and cacti.

The fauna of the area includes cattle, horses, elk, deer, coyotes, rabbits, rodents, lizards, bull snakes, rattle snakes, water snakes and horned toads. Birds of the area are ground sparrows, bluejays, bluebirds, magpies, ravens, rapters, morning doves, swallows, nighthawks, hummingbirds, and chukar.

- B. The surface ownership is Federal. The surface use is grazing and petroleum production.
- C. 1. The closest live water is the Green River which is approximately 15 miles Southwest of the proposed site.
 - 2. There are no occupied dwellings in the immediate area
 - 3. An archaeological report will be forwarded upon completion.
 - 4. There are no reported restrictions or reservations noted on the oil and gas lease.
 - 5. A silt catchment dam will not be required for this location.

13. Lessee's or Operator's Representative:

Equitable Resources Energy Company 1601 Lewis Avenue P.O. Box 21017 Billings, Montana 59104 (8:00 a.m. to 5:00 p.m.) (406)259-7860 FAX: (406)245-1361

Dave McCoskery,

Home (406)248-3864

Dale Griffin,

Home (303)824-3323

14. certification:

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that any statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by Balcron Oil, a division of Equitable Resources Energy Company, and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

September 27,1996

Bobbie Schuman

Coordinator of Environmental and Regulatory Affairs Equitable Resources Energy Co.





Well Prognosis

Well Name	Monumen	t Fed. #22 - 6-9	9-16Y	Control Well				
Location	SE/NW S	ec. 6-T9S-R16	E (2 011 fnl,	1869 fwl)	Operator PG&E			
County/State	Duchesne	County, Utal	ı		Well Name Federal 32-6-G			
Field Mon. Butte		2	Well Type Dev.			Location SW/NE Sec. 6-T9S-R16E		
GL (Ung)	5863.5	EST. KB	5874	Total Depth	6000	KB 5898		
		_						

Formation Tops Prognosis Sample Top		Control Well]	High/Low	ı/Low			
Formation	Depth	Datum	Depth	Datum	Datum	Prog	Control	Deviation
UINTA	surface							
GREEN RIVER	1735	4139			4115			
HORSEBENCH SS	2337	3537		,	3513			
2ND GARDEN GULCH	4052	1822			1798			
Y-2 (PAY)	4341	1533			1509			
Y-3 (PAY)	4380	1494			1470			
Y-5 (PAY)	4603	1271			1247			
YELLOW MARKER	4687	1187			1163			
DOUGLAS CREEK	4834	1040			1016			
R-1 (PAY)	4864	1010			986			
R-5 (PAY)	5042	832			808			
2ND DOUGLAS CREEK	5077	797			773			
G-1L (PAY)	5153	721			697(est)			
GREEN MARKER	5213	661			637			
G-3 (PAY)	5273	601			577			
G-6 (PAY)	5512	362		•	338			
CARBONATE MARKER	5742	132			108			
B-1 (PAY)	5756	118			94			
B-2 (PAY)	5824	50			26			
TD	6000							
Samples	Ι	OST,s			Wellsite Geol	ogist		
50' FROM 1700' TO 4100'		DST#	1 NONE		Name:			
20' FROM 4100' TO TD		DST#	2		From:		То:	
5' THROUGH EXPECTED	PAY	DST#	3		Address: _		-	
5' THROUGH DRILLING		DST#						
<u> </u>					Phone#			wk.
Logs	(Cores						hm.
DLL FROM SURF CSNG		Core#	1		Fax # -			
LDT/CNL FROM 4000' TO		Core #						
		Core#			— Mud Logger			
		Core#			Company:			
		4	-		From: 1	700'	To	TD
					Type: 2			
Commenter					· · · · ·	2-IVIAIN		
Comments:					Logger:	_		
					Phone #			
		·			Fax#_			
Report To: 1st Name	· DAVE RICI	CERSTAFF	Phone # (406)259-7860	_ wk (406)245-2	2261	hm.
Report To: 1st Name: DAVE BICKERSTAFF 2nd Name: KEVEN REINSCHMIDT				406)259-7860		(406)248-7		hm.
			-	400/207-/00U		<u>+</u>	040	
Prepared By: BICKERST	Phone#		wk.			hm.		



DRILLING PROGRAM

WELL NAME: Monument Federal #22-6-9-16Y DATE:9-26-96

PROSPECT/FIELD: Monument Butte

LOCATION: SE/NW Section 6 Twn.9S Rge.16E

COUNTY: Duchesne

STATE: Utah

TOTAL DEPTH: 6000'

INTERVAL HOLE SIZE

12 1/4" Surface to 260' 7 7/8" 260' to 6000'

CASING INTERVAL CASING

STRING TYPE	FROM	TO	SIZE	WEIGHT	GRADE
Surface Casing	0 1	260'	8 5/8"	24	J55
Production Casing	0'	6000'	5 1/2"	1,5.50	K55

CEMENT PROGRAM

CHIMI I ROGIONI	
Surface Casing	150 sacks class"G" with 2% CaCl and 1/4 lb/sack Flocele. (Cement will be circulated to surface.)
Production Casing	205 sacks 28:72 Poz. (28% POZ: 72% Class"C") with 10% Gel, 6.0 lbs/sk KOL SEAL & ½ pps Cello Flake.(Wt.=11.09 ppg,Yd =3.30 Cu.Ft/Sk Comp. Stght @ 72 Hrs=575) Tailed with 400 sacks 50:50 POZ(50% POZ: 50% Class"G") with 2% Gel, 0.3% FL-52, ½ pps Cello Flakes & 2.0 pps KOL SEAL.(Wt.=14.30 ppg, Yd=1.25 Ft.Cu./Sk, Comp Strght @ 75 Hrs=2700) (Actual cement volumes to be calculated from caliper log with cement top at 2000')

PRELIMINARY DRILLING FLUID PROGRAM

•		•	· · · · · ·	PLAS.	YIELD
TYPE	FROM	TO	WEIGHT	VIS	POINT
Air and Air Mist Air/Air Mist/KCl wtr	0' 260'	260' T.D.	N.A. 8.7-8.9	N.A. N.A.	N.A. N.A.

COMMENTS

^{1.)} No cores or tests are planned for this well.

EQUITABLE RESOURCES ENERGY COMPANY

Operator: EREC | Well Name: MF 22-6-9-16Y

Project ID: | Location: Duchesne / Utah

<u>Design Factors:</u> <u>Design Parameters:</u> Mud weight (8.70 ppg) Collapse : 0.452 psi/ft : 1.125 Shut in surface pressure : 2112 psi Burst : 1.00 Internal gradient (burst) : 0.100 psi/ft 8 Round : 1.80 (J) Annular gradient (burst) : 0.000 psi/ft **Buttress** : 1.60 **(J)** Tensile load is determined using air weight Body Yield : 1.50 (B)

Service rating is "Sweet"

	Length (feet)	Size (in.)	Weight (lb/ft)		e Joir		Depth (feet)	Drift (in.)	Cost
1	6,000	5-1/2"	15.50	K-5	5 ST&(C	6,000	4.825	
	Load (psi)	Collapse Strgth (psi)		Burst Load (psi)	Min Int Strgth (psi)		Load (kips	Tension Strgth (kips)	
1	2712	4040	1.490	2712	4810	1.77	93.0	0 222	2.39 J

Prepared by : McCoskery, Billings, Montana

Date

09-26-1996

Remarks

Design is for a Production string.

Minimum segment length for the 6,000 foot well is 1,500 feet.

The mud gradient and bottom hole pressures (for burst) are 0.452 psi/ft and

2,712 psi, respectively.

NOTE:

The design factors used in this casing string design are as shown above. As a general guideline, Lone Star Steel recommends using minimum design factors of 1.125 - collapse (with evacuated casing), 1.0 - (uniaxial) burst, 1.8 - API 8rd tension, 1.6 - buttress tension, 1.5 - body yield tension, and 1.6 - EUE 8rd tension. Collapse strength under axial tension was calculated based on the Westcott, Dunlop and Kemler curve. Engineering responsibility for use of this design will be that of the purchaser.

Costs for this design are based on a 1987 pricing model. (Version 1.07)

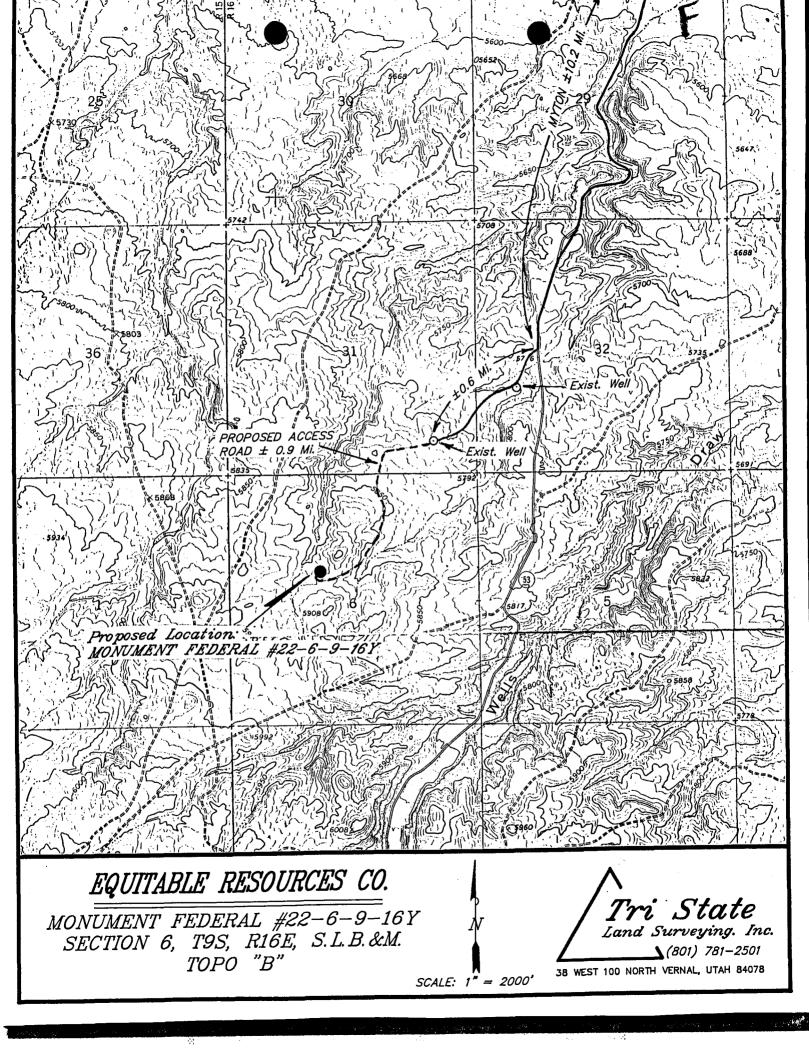
A. Hazardous chemicals 10,000 pounds of which will most likely be used, produced, stored, transported, or disposed of in association with the proposed action of drilling, completing, and producing this well:

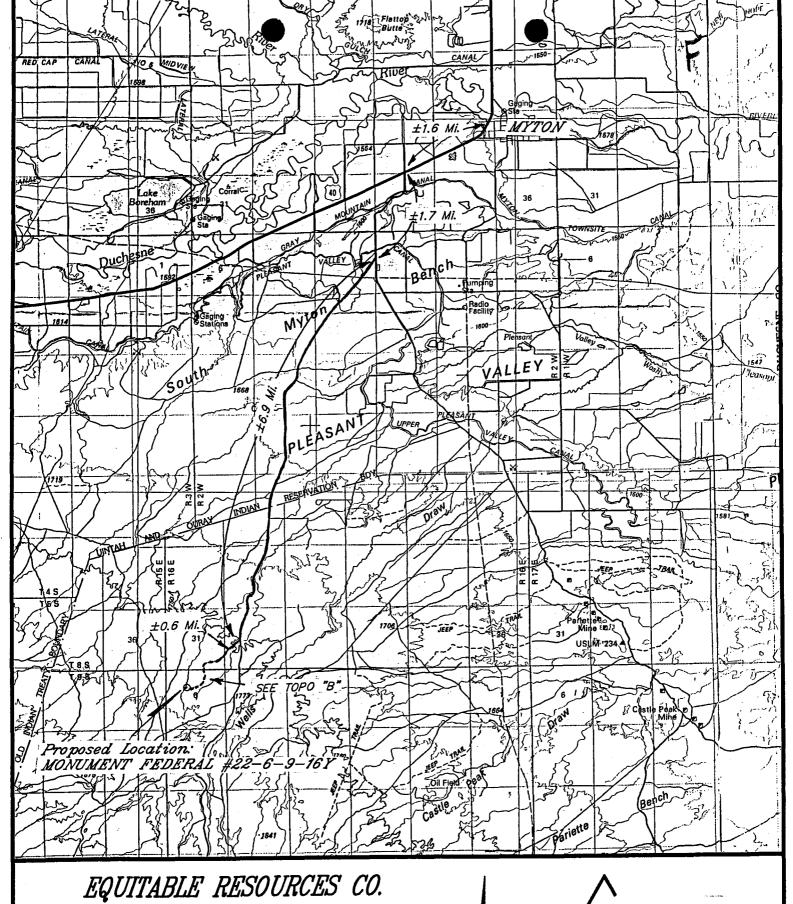
We anticipate that none of the hazardous chemicals in quantities of 10,000 pounds or more will be associated with these operations.

B. Extremely hazardous substances threshold quantities which will be used, produced, stored, transported, or disposed of in association with the proposed action of drilling, completing, and producing this well:

We anticipate that none of the extremely hazardous substances in threshold quantities per 40 CFR 355 will be associated with these operations.

3/28/95 /rs





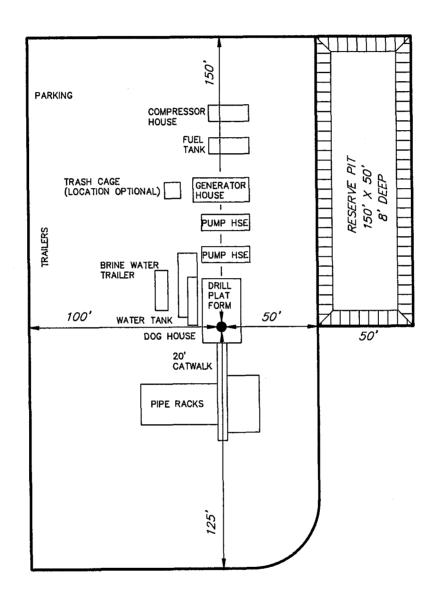
MONUMENT FEDERAL #22-6-9-16Y SECTION 6, T9S, R16E, S.L.B.&M. TOPO "A"



38 WEST 100 NORTH VERNAL, UTAH 84078

TYPICAL RIG LAYOUT

MONUMENT FEDERAL #22-6-9-16Y

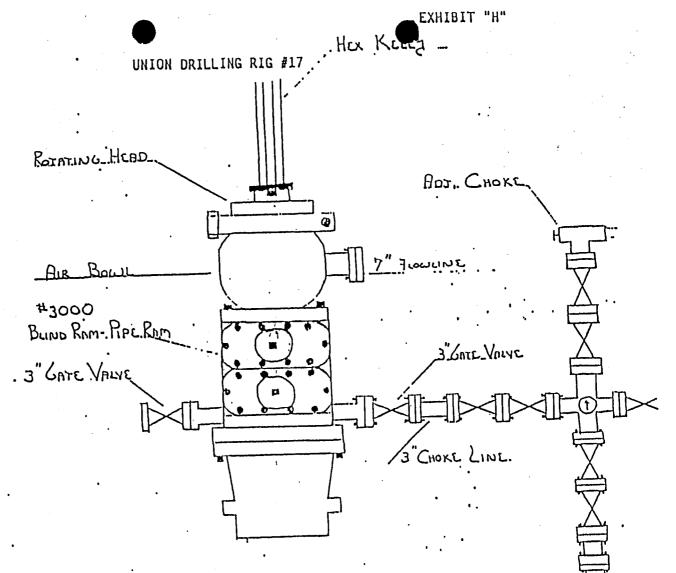


Tri State

Land Surveying. Inc.

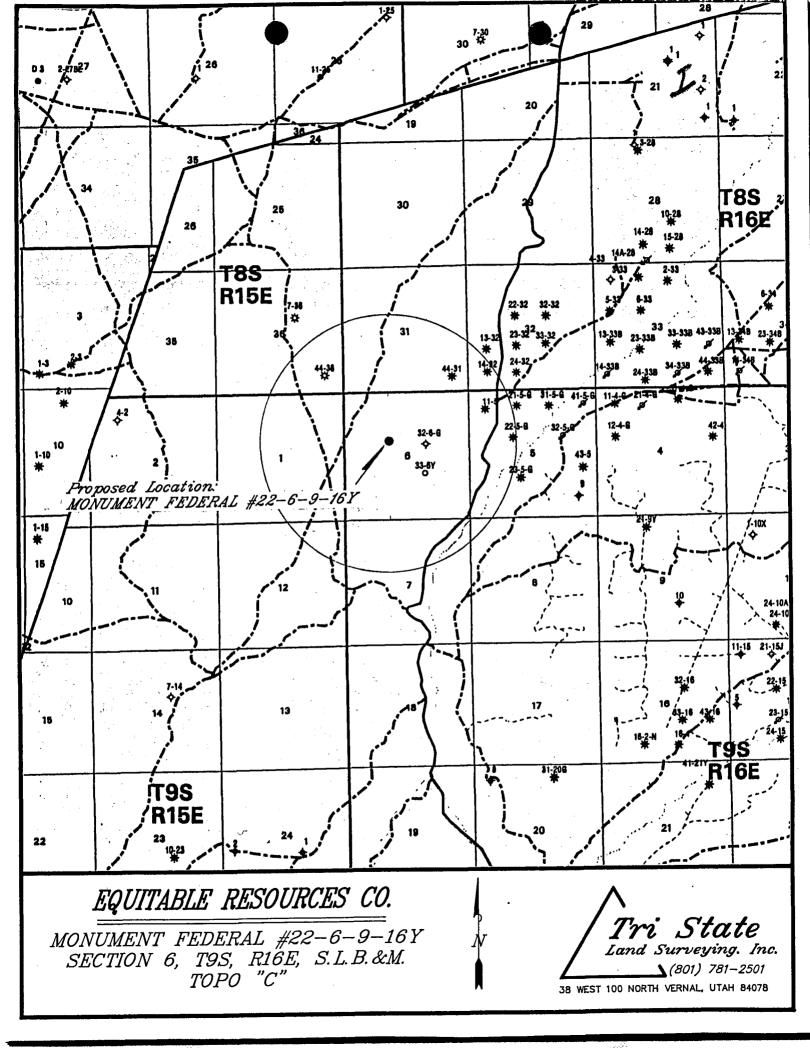
(801) 781-2501

38 WEST 100 NORTH, VERNAL, UTAH 84078



. Арт... Сюкс

#3000_STACK__



ENGINE

DIAGRAM NOT TO SCALE



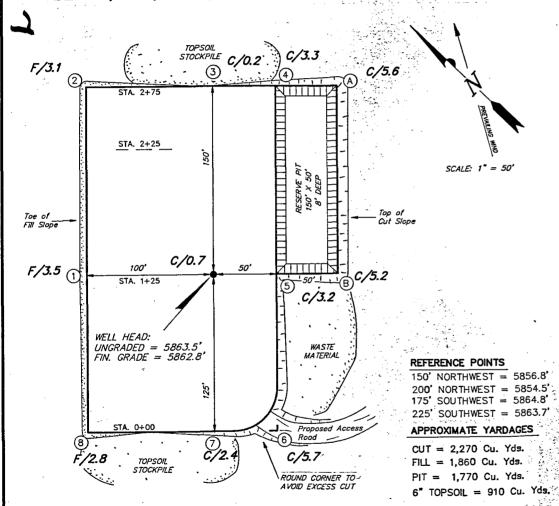
E RESOURCES COMPANY

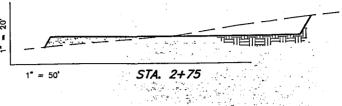
BALCRON OIL DIVISION

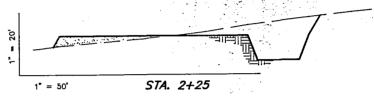
1601 Lewis Avenue Billings, MT 5910 2 (406) 259-7860

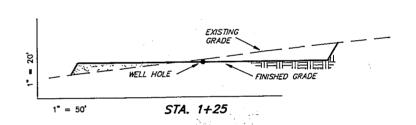
EQUITABLE RESOURCES ENERGY CO.

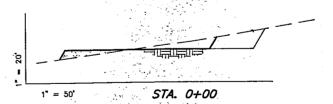
MONUMENT FEDERAL #22-6-9-16Y SEC. 6, T9S, R16E, S.L.B.&M.











SURVEYED BY: G.S.	D. 5.
DRAWN BY: J.R.S.	
DATE: 9-6-96	
SCALE: 1" = 50"	

FILE:

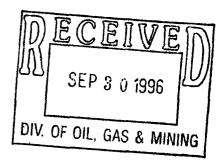
Tri State
Land Surveying. Inc.
(801) 781-2501
38 WEST 100 NORTH VERNAL, UTAH 84078

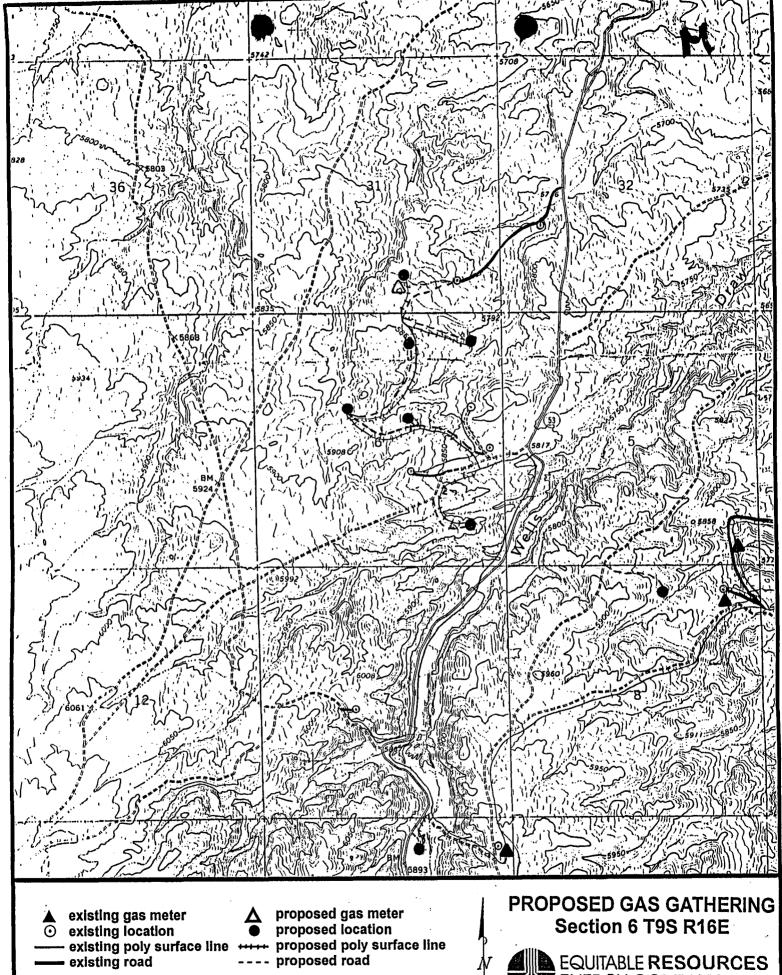
APPLICATION FOR PIPELINE RIGHT-OF-WAY

Please consider this Application for Permit to Drill also as an application for the pipeline (gas gathering system) Right-of-way for this prospective well. See Map EXHIBIT "M" for the pipeline route. This will be a 2" surface line.

Please advise of the costs associated with this Right-of-Way and a check will be forthcoming.

Route will follow existing roads where possible. Operator requests a 30' width for the Right-of-Way with an additional 30' width for working surface as necessary.







WORKSHEET APPLICATION FOR PERMIT TO DRILL

API NO. ASSIGNED: 43-013-31719 APD RECEIVED: 09/30/96 WELL NAME: MONUMENT BUTTE 22-6-9-16Y EQUITABLE RESOURCES (N9890) OPERATOR: INSPECT LOCATION BY: PROPOSED LOCATION: SENW 06 - T09S - R16E TECH REVIEW Initials Date SURFACE: 2011-FNL-1869-FWL BOTTOM: 2011-FNL-1869-FWL Engineering DUCHESNE COUNTY MONUMENT BUTTE FIELD (105) Geology LEASE TYPE: FED Surface LEASE NUMBER: UTU - 74390 PROPOSED PRODUCING FORMATION: GRRV LOCATION AND SITING: RECEIVED AND/OR REVIEWED: R649-2-3. Unit: ✓ Plat Bond: Federal [State [Fee [] /R649-3-2. General. (Number 6547188) N Potash (Y/N) U Oil shale (Y/N) ___ R649-3-3. Exception. Water permit (Number Joi SHIELDS)

RDCC Review (Y/N) Drilling Unit. Board Cause no: Date: _ (Date: COMMENTS: STIPULATIONS:

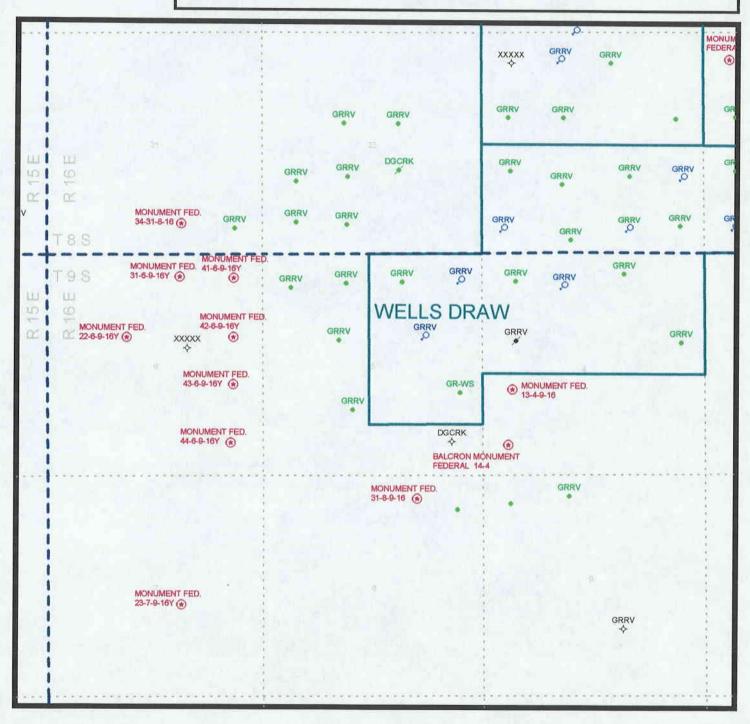
OPERATOR: EQUITABLE RESOURCES

FIELD: MONUMENT BUTTE (105)

SECTION: 31 T8S, R16E & 4,6,8 T9S R16E

COUNTY: DUCHESNE

SPACING: UAC R649-3-2



PREPARED: DATE: 30-SEPT-96

STATE OF UTAH, DIV OF OIL, GAS & MINERALS

Operator: EQUITABLE RESOURCES | Well Name: MON BUTTE 22-6-9-16Y

Project ID: 43-013-31719 | Location: SEC. 06 - T9S - R16E

<u>Design Parameters:</u> <u>Design Factors:</u>

psi/ft Collapse Mud weight (8.90 ppg) : 0.462 : 1.125 : 2305 psi Burst : 1.00 Shut in surface pressure Internal gradient (burst) : 0.078 8 Round : 1.80 (J) Buttress : 1.60 (J) Annular gradient (burst) : 0.000 psi/ft Tensile load is determined using air weight Other : 1.50 (J) : 1.50 Service rating is "Sweet" Body Yield (B)

	Length (feet)		Weight (lb/ft)		e Joir		Depth feet)	Drift (in.)	Cost
1	6,000	5.500	15.50	K-5!	5 ST& (C	6,000	4.825	
	Load (psi)	Collapse Strgth (psi)		Burst Load (psi)	Min Int Strgth (psi)		Load	Tension Strgth (kips)	
1	2774	4040	1.456	2774	4810	1.73	93.00	222	2.39 J

Prepared by : MATTHEWS, Salt Lake City, Utah

Date : 11-14-1996

Remarks :

GREEN RIVER

Minimum segment length for the 6,000 foot well is 1,500 feet.

SICP is based on the ideal gas law, a gas gravity of 0.69, and a mean gas

temperature of 113°F (Surface 74°F , BHT 158°F & temp. gradient 1.400°/100 ft.)

String type: Production

The mud gradient and bottom hole pressures (for burst) are 0.462 psi/ft and

2,774 psi, respectively.

NOTE:

The design factors used in this casing string design are as shown above. As a general guideline, Lone Star Steel recommends using minimum design factors of 1.125 - collapse (with evacuated casing), 1.0 - (uniaxial) burst, 1.8 - API 8rd tension, 1.6 - buttress tension, 1.5 - body yield tension, and 1.6 - EUE 8rd tension. Collapse strength under axial tension was calculated based on the Westcott, Dunlop and Kemler curve. Engineering responsibility for use of this design will be that of the purchaser.

Costs for this design are based on a 1987 pricing model. (Version 1.07)

Form	3160-5
Clune.	

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED				
Budget Bure	eau No.	1004-0135		
Expires:	March	31, 1993		

5 5	Feare	a esignat	rred	Serial No.	n

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.

Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

6. If Indian, Allottee or Tribe Name

7 Munit or CA, Agreement Designation

Non-Routine Fracturing

Conversion to Injection
Dispose Water

(Note: Report results of multiple completion on Well

Water Shut-Off

n/a

1

			
1. Type of Well Oil Gas Well Well Other	•	*SEE Name at the listing	
2. Name of Operator	_	9. API Well No.	
Equitable Resources Energy (Company	9. Ari well No.	
3. Address and Telephone No.			
1601 Lewis Avenue; Billings	, MT 59102 (406) 259-7860	10. Field and Pool, or Exploratory Area Monument Butte/Grn River	
4: Location of Well (Footage, Sec., T., R., M., or Survey I	Description)		
See attached lis	ting	11. County or Parish, State See attached listing	
2. CHECK APPROPRIATE BOX	(s) TO INDICATE NATURE OF NOTICE, F	REPORT, OR OTHER DATA	
TYPE OF SUBMISSION	TYPE OF ACTION		
Notice of Intent	Abandonment	Change of Plans	
	D		

Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Plugging Back

Casing Repair

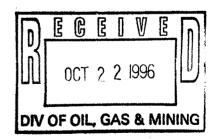
Altering Casing paleontology Reports

Attached are te paleontology reports which were done on proposed wellsites, access routes, and gasline routes for the wells on the attached listing.

ORIGINAL: Bureau of Land Management (Vernal, UT)

COPY: Utah Division of Oil, Gas and Mining

Subsequent Report



14. I hereby certify that the foregoing is arue and correct Signed Dobbel Schuman	Title .	Regulatory and Environmental Specialist	Date	October 21, 1996/
(This space for Federal or State office use) Approved by Conditions of approval, if any:	Title ,		Date	c

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

JMENT BUTTE AREA PHASE 4 DRILLING

Monument Federal #31-18-9-16Y

NW NE Section 18, T9S, R16E

Duchesne County, UT

660' FNL, 1980' FEL PROPOSED FOOTAGES

648' FNL 1992' FEL ACTUAL FOOTAGES

Field: Monument Butte

FEDERAL LEASE #UTU- 74390

PTD: 6,500' (Green River formation)

GL: 5884.3\ 10000'

Monument Federal #42-18-9-16Y

SE NE Section 18, T9S, R16E

Duchesne County, UT

1980' FNL, 500' FEL PROPOSED FOOTAGES

2007 FNL 388 FEL ACTUAL FOOTAGES

Field: Monument Butte

FEDERAL LEASE #UTU- 74390

PTD: 6,500' (Green River formation)

~ 5900' GL: 6064.4'

Monument Federal #31-21-9-16Y

NEW NE Section 21, T9S, R16E NWNE

Duchesne County, UT

PROPOSED FOOTAGES 550' FNL, 2100' FEL

537' FNL, 2146' FEL ACTUAL FOOTAGES

Field: Monument Butte

FEDERAL LEASE #UTU- 64379

PTD: 6,500' (Green River formation)

CL: 5943.3' 5650

Monument Federal #21-22-9-16Y

NE NW Section 22, T9S, R16E

Duchesne County, UT

660' FNL, 1980' FWL PROPOSED FOOTAGES

473' FNL, 2046'FWL ACTUAL FOOTAGES

Field: Monument Butte

FEDERAL LEASE #UTU- 64379

PTD: 6,50 (Green River formation)

GL: 5875.3'-5700'



MONUMENT BUTTE AREA PHASE 4 DRILLING

Monument Federal #22-6-9-16Y SENW Section 6, T9S, R16E

Duchesne County, UT 1980 FNL, 1980 FWL PROPOSED FOOTAGE 2011 FNL, 1869 FNL ACTUAL FOOTAGES PROPOSED FOOTAGES

Field:@Monument Butte FEDERAL LEASE #UTU- 74390 PTD: 6,5007 (Green River formation)

GL: 5843.5 6000'

Monument Federal #31-6-9-16Y NW NE Section 6, T9S, R16E

Duchesne County, UT

660' FNL, 1980' FEL PROPOSED FOOTAGES

624'FNL, 1926'FEL ACTUAL FOOTAGES

Field: Monument Butte FEDERAL LEASE #UTU- 74390

PTD: 6,500' (Green River formation)

GL: 5855,4 6000

SW NE Section 6, T9S, R16E Washdown Duchesne County IIT Monument Federal #32-6-9-16Y

Duchesne County, UT 2200' FNL, 1980' FEL PROPOSED FOOTAGES

2729 FNL 1792 FEL **ACTUAL FOOTAGES**

Field: Monument Butte FEDERAL LEASE #UTU-74390

PTD: ~6,500" (Green River formation)

<u>-6000*</u> GL: 5885.3

Monument Federal #41-6-9-16Y

NE NE Section 6, T9S, R16E Duchesne County, UT

PROPOSED FOOTAGES 660' FNL, 660' FEL

560'FNL 656'FEL **ACTUAL FOOTAGES**

Field: Monument Butte

FEDERAL LEASE #UTU- 74390

PTD: -6,500' (Green River formation)

GL: 5802.74

Monument Federal #44-6-9-16Y

SE SE Section 6, T9S, R16E

Duchesne County, UT

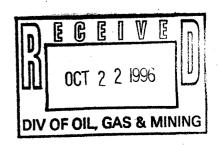
800' FSL, 660' FEL 816' FSL, 725' FEL PROPOSED FOOTAGES **ACTUAL FOOTAGES**

Field: Monument Butte

FEDERAL LEASE #UTU- 기사390

PTD: 6,500' (Green River formation)

GL: 5861.6 5950'



MONUMENT BUTTE AREA **PHASE 4 DRILLING** 1996

34-31

Monument Federal #51=32-8-16 SW SE Section 31, T8S, R16E

Duchesne County, UT

PROPOSED FOOTAGES 660' FSL, 1980' FEL 723'FSL 1970'FEL ACTUAL FOOTAGES

Field: Monument Butte

FEDERAL LEASE #UTU- 74389

PTD: 6,500' (Green River formation)

5832,6 -6050'

Monument Federal #13-4-9-16

NW SW Section 4, T9S, R16E

Duchesne County, UT

PROPOSED FOOTAGES 2050' FSL, 660' FWL

ACTUAL FOOTAGES 2050 FSL 660 FNL

Field: Monument Butte

FEDERAL LEASE #UTU- 73086

PTD: 6,500' (Green River formation)
GL: 5761. 2'

Monument Federal #31-8-9-16

NW NE Section 8, T9S, R16E

Duchesne County, UT

PROPOSED FOOTAGES 660' FNL, 1980' FEL

ACTUAL FOOTAGES 520'FNZ, 2016'FEL

Field: Monument Butte

FEDERAL LEASE #UTU- 20255

PTD: 6,500' (Green River formation)

GL: 5838 16000'

Monument Federal #33-10-9-16

NW SE Section 10, T9S, R16E

Duchesne County, UT

PROPOSED FOOTAGES 1980' FSL, 1980' FEL

1980'FSL, 1980' FEL **ACTUAL FOOTAGES**

Fleld: Monument Butte

FEDERAL LEASE #UTU- 7 2 10 7

PTD: -6,500' (Green River formation)

GL: 5646.4-5800

Monument Federal #43-10-9-16

NE SE Section 10, T9S, R16E

Duchesne County, UT

PROPOSED FOOTAGES 19800' FSL, 660' FEL

722'FEL **ACTUAL FOOTAGES** 1914'FSL1

Field: Monument Butte

FEDERAL LEASE #UTU- 72107

PTD: 6,500' (Green River formation)

GL: 5668.6 5800'

8/16/96.

Form 3160-5 (June 1990)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

5. Lease Designation and Serial Ma: 10

SUNDRY NOTICES	AND	REPORTS	ON	WELLS
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Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.

Use "APPLICATION FOR PERMIT—" for such proposals

6. If Indian, Allottee or Tribe Name

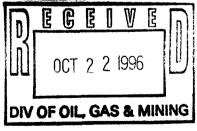
n/a

SUBMIT	IN TRIPLICATE	7 ff Unit or CA, Agreement Designation
1. Type of Well Other Other	·	8SEE Nattached listing
2. Name of Operator Equitable Resources Energy Co	ompany	9. API Well No.
3. Address and Telephone No. 1601 Lewis Avenue; Billings, 4. Location of Well (Footage, Sec., T., R., M., or Survey De	escription)	10. Field and Pool, or Exploratory Area Monument Butte/Grn River 11. County or Parish, State See attached listing
12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REF	PORT, OR OTHER DATA
TYPE OF SUBMISSION Notice of Intent Subsequent Report Final Abandonment Notice	Abandonment Recompletion Plugging Back Casing Repair Altering Casing Other Paleontology Rep	Change of Plans New Construction Non-Routine Fracturing Water Shut-Off Conversion to Injection Dispose Water (Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)
13. Describe Proposed or Completed Operations (Clearly state a give subsurface locations and measured and true verti	all pertinent details, and give pertinent dates, including estimated date of sical depths for all markers and zones pertinent to this work.)	tarting any proposed work. If well is directionally drilled

Attached are te paleontology reports which were done on proposed wellsites, access routes, and gasline routes for theewells on the attached listing.

ORIGINAL: Bureau of Land Management (Vernal, UT)

COPY: Utah Division of Oil, Gas and Mining



<u> </u>			
14. I hereby centry that the foregoing is true and correct Signed Schule Schuman	Title	Regulatory and Environmental Specialist	Date October 21, 19967
(This space for Federal or State office use) Approved by Conditions of approval, if any:	Title		Date
•			

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Monument Federal #31-18-9-16Y

NW NE Section 18, T9S, R16E

Duchesne County, UT

660' FNL, 1980' FEL PROPOSED FOOTAGES

648 FNL 1992 FEL ACTUAL FOOTAGES

Field: Monument Butte

FEDERAL LEASE #UTU- 74390

PTD: 6,500' (Green River formation)

GL: 5884.3\ 1000)

Monument Federal #42-18-9-16Y

SE NE Section 18, T9S, R16E

Duchesne County, UT

PROPOSED FOOTAGES 1980' FNL, 500' FEL

2007 FNL 388 FEL **ACTUAL FOOTAGES**

Field: Monument Butte

FEDERAL LEASE #UTU- つりろう

PTD: 6,500 (Green River formation)

GL: 6064.4'

Monument Federal #31-21-9-16Y

NW-NE Section 21, T9S, R16E NWNE

Duchesne County, UT

PROPOSED FOOTAGES 550' FNL, 2100' FEL

537' FNL, 2146' FEL ACTUAL FOOTAGES

Field: Monument Butte

FEDERAL LEASE #UTU- 64379

PTD: 6,500' (Green River formation)

GL: 5943.3' 5650

Monument Federal #21-22-9-16Y

NE NW Section 22, T9S, R16E

Duchesne County, UT

PROPOSED FOOTAGES 660' FNL, 1980' FWL

473' FNL, 2046'FWL ACTUAL FOOTAGES

Field: Monument Butte

FEDERAL LEASE #UTU- 64379

PTD: 6,500 (Green River formation)

GL: 5875.3 <u>~57∞′</u>

MONUMENT BUTTE AREA **PHASE 4 DRILLING** 1996

Monument Federal #22-6-9-16Y SENW Section 6, T9S, R16E Duchesne County, UT

1980' FNL, 1980' FWL PROPOSED FOOTAGE 2011' FNL 1869' FNL ACTUAL FOOTAGES PROPOSED FOOTAGES

Field: Monument Butte FEDERAL LEASE #UTU-74390 PTD: 6,500 (Green River formation)

GL: 5863.5 6000'

Monument Federal #31-6-9-16Y NW NE Section 6, T9S, R16E

Duchesne County, UT

660' FNL, 1980' FEL PROPOSED FOOTAGES

624 FNL, 1926 FEL ACTUAL FOOTAGES

Field: Monument Butte

FEDERAL LEASE #UTU- 74390

PTD: 6,500' (Green River formation)

GL: 5855,4 6000'

SW NE Section 6, T9S, R16E Washdown Duchesne County IIT Monument Federal #32-6-9-16Y

2200' FNL, 1980' FEL PROPOSED FOOTAGES

2729' FNL 1792' FEL ACTUAL FOOTAGES

Field: Monument Butte FEDERAL LEASE #UTU-74390 PTD: ~6,500" (Green River formation)

<u>~ん000~</u>

Monument Federal #41-6-9-16Y

NE NE Section 6, T9S, R16E

Duchesne County, UT

PROPOSED FOOTAGES 660' FNL, 660' FEL

560'FNL 656'FEL **ACTUAL FOOTAGES**

Field: Monument Butte

FEDERAL LEASE #UTU- 74390

PTD: -6,500' (Green River formation)

GL: 5802.7' 6000'

Monument Federal #44-6-9-16Y

SE SE Section 6, T9S, R16E

Duchesne County, UT

800' FSL, 660' FEL 816' FSL, 725' FEL PROPOSED FOOTAGES

ACTUAL FOOTAGES

Field: Monument Butte

FEDERAL LEASE #UTU- 기사390

PTD: 6,500' (Green River formation)

GL: 5861.6 5950'

MONUMENT BUTTE AREA **PHASE 4 DRILLING** 1996

34-31

Monument Federal #31-32-8-16

SW SE Section 31, T8S, R16E

Duchesne County, UT

PROPOSED FOOTAGES 660' FSL, 1980' FEL 723'FSL 1970'FEL ACTUAL FOOTAGES

Field: Monument Butte

FEDERAL LEASE #UTU- 74389

PTD: 6,500' (Green River formation)

~6050' 5832,6

Monument Federal #13-4-9-16

NW SW Section 4, T9S, R16E

Duchesne County, UT

PROPOSED FOOTAGES 2050' FSL, 660' FWL

2050 FSL 660 FNL ACTUAL FOOTAGES

Field: Monument Butte

PTD: 6,500' (Green River formation)

<u> 6000'</u> GL: 5761.2'

Monument Federal #31-8-9-16

NW NE Section 8, T9S, R16E

Duchesne County, UT

PROPOSED FOOTAGES 660' FNL, 1980' FEL

520'FNZ, 2016'FEL **ACTUAL FOOTAGES**

Field: Monument Butte

FEDERAL L'EASE #UTU- 20255

PTD: 6,500' (Green River formation)
GL: 5838' 6000'

Monument Federal #33-10-9-16

NW SE Section 10, T9S, R16E

Duchesne County, UT

PROPOSED FOOTAGES 1980' FSL, 1980' FEL

1980'FSL, 1980' FEL **ACTUAL FOOTAGES**

Field: Monument Butte

FEDERAL LEASE #UTU- 72107

PTD: -6,500' (Green River formation)

GL: 5646.4-5800'

Monument Federal #43-10-9-16

NE SE Section 10, T9S, R16E

Duchesne County, UT

PROPOSED FOOTAGES

19800' FSL, 660' FEL 1914'FSL, 722'FEL **ACTUAL FOOTAGES**

Field: Monument Butte

FEDERAL LEASE #UTU- 72107

PTD: 6,500' (Green River formation)

GL: 5668.6-5800'

EQUITABLE RESOURCES ENERGY CO.

MONUMENT FEDERAL #22-6-9-16Y 43_0/3-3/7/9

SE/NW SECTION 6, T9S, R16E, SLB&M

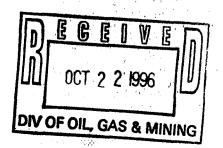
Duchesne County, Utah

PALEONTOLOGY REPORT
WELLPAD LOCATION AND ACCESS ROAD

BY

ALDEN H. HAMBLIN PALEONTOLOGIST P.O. BOX 731 VERNAL, UTAH 84078

OCTOBER 14, 1996



RESULTS OF PALEONTOLOGY SURVEY AT EQUITABLE RESOURCES ENERGY CO. MONUMENT FEDERAL #22-6-9-16, SE/NW Section 6, T9S, R16E, S.L.B.&M, Duchesne Co., Utah.

Description of Geology and Topography-

This well location is 9 miles south and 5 miles west of Myton, Utah, just west of Wells Draw. The access road runs leaves an existing well (Wells Draw Fed 44-31) and goes west over a knoll and then hooks south across a low swale on the well location of 31-6-9-16. From this location the continues south then curves around the hill southwest, west, and northwest to the well pad. The wellpad sits on a north-northwest slope with drainage to the northwest. The pit butts into a hill on the east side of the location.

All rock outcrops in the area are of the Upper Eocene Uinta Formation, known for its fossil vertebrate fauna of mammals, turtles, crocodilians, and occasional fish remains and plant impressions.

Paleontological material found -

There are a few weather fragments of turtle shell strung down the slope on the north side of the access road as the road curves to the west (A). These appear to be weathering from a gray mudstone layer. Just east of the pit area are a few weathered turtle shell fragments (B). These appear to be from about the same horizon as site (A) east of here.

No other fossils were found on the wellpad, access road or gas line.

Recommendations-

The turtle shell fragments are being recorded as a fossil locality, but are not considered highly significant due to the weathered and scattered nature of the material found.

There is always some potential for encountering significant fossils when working in the Uinta Formation. If important looking fossil material is found during construction, a paleontologist should be called to evaluate it.

No other recommendations are being made for paleontology at this location.

Paleontologist

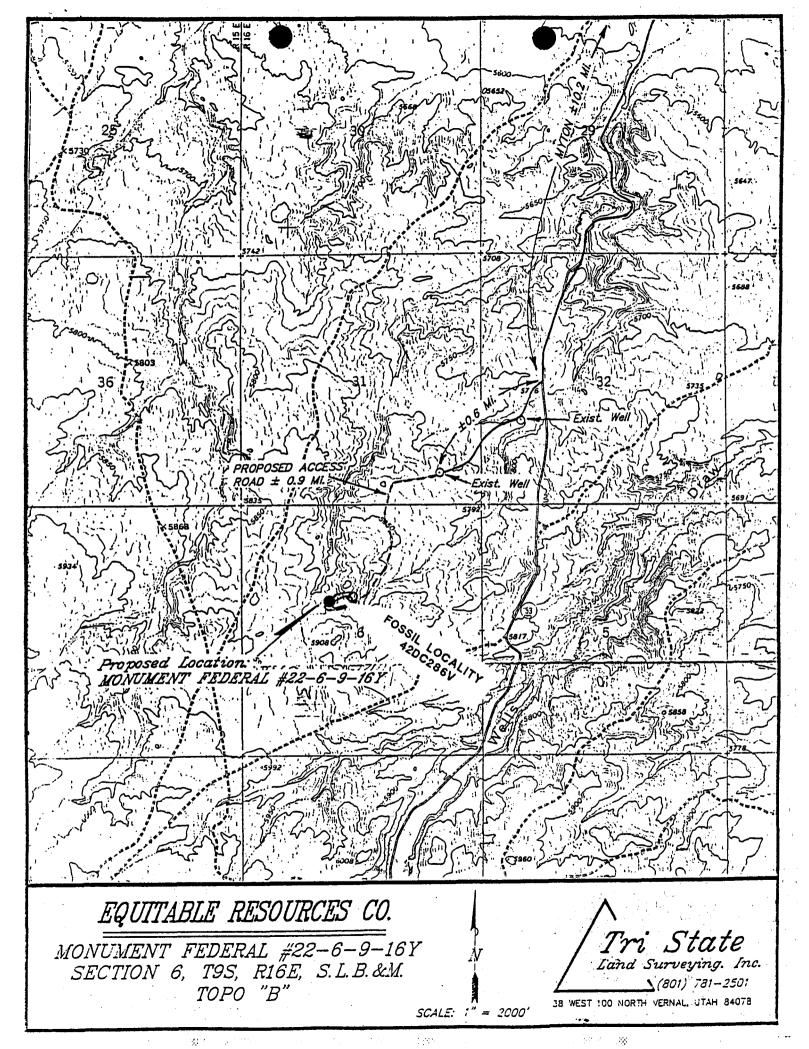
Date October 14, 1996

and the state of the state of

United States Department of the Interior Bureau of Land Management

Paleontological Locality Form

1.	Permit #/Permittee: BLM - UT-S-95-004	ALDEN H. HAMBLIN
2.	Repository/Accn.#: UTAH FIELD HOUSE OF	NATURAL HISTORY
3.	Locality #: 42DC286V [] Plant [X]	Vertebrate [] Invertebrate [] Other
4.	Formation (and subdivision, if known):_	
5.	Age: Late Eocene	6. County: <u>Duchesne</u>
7.	BLM District: VERNAL	8. Resource Area: Diamond Mt.
9.	Map name: Myton SW, Utah	· "我们就是一个大大大大大大大大大大大大大大大大大大大大大大大大大大大大大大大大大大大大
11.	Map scale: 1:24,000	12. Map edition: 1964
13.	Latitude (deg., min., sec., direction):	the control of the co
14.	Longitude (deg., min., sec., direction)	:
	or: UTM Grid Zone: 12 T	(A) 571500 mE 4434737 mN (B) 571368 mE 4434783 mN
15.	Survey (Section, Township & Range):	SE,SE,NW, Sec. 6, T9S, R16E, SLBM
The:	<u>n the slope on the north side of the acc</u> se appear to be weathering from a gray m	ew weather fragments of turtle shell strung ess road as the road curves to the west (A). udstone layer. Just east of the pit area are a These appear to be from about the same horizon
17.	Discoverer(s)/Collector(s): Alden H.	Hamblin
18.	Date(s): October 8, 1996	The second of th
19.	Locality Classification: Class 1 (1 = Critical, 2 =	Class 2 Class 3 X Class 4 Class 5 Significant, 3 = Important, 4 = Insignificant, 5 = Unimportant)
20. Resc	Remarks: This fossil site was found du ources Energy Co. Monument Federal #22-9	ring the paleontology survey of Equatable -16Y.

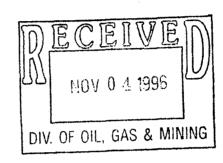




1601 Lewis Avenue Billings, MT 59102 Office: (406) 259-7860 FAX: (406) 245-1365 FAX: (406) 245-1361

October 31, 1996

Bureau of Land Management 170 South 500 East Vernal, UT84078



Gentlemen:

Enclosed are archaeological reports which have been prepared fo rthe following proposed wellsites and access routes:

Monument Federal #34-31-8-16, 31-6-9-16Y, 41-6-9-16Y, 22-6-9-16Y, and 44-6-9-16Y

Please consider this report to be part of the Application for Permit to Drill which has already been submitted.

Sincerely,

Bobbie Schuman Regulatory Specialist

/hs

Enclosures

cc: Utah Division of Oil, Gas and Mining

CULTURAL RESOURCE EVALUATION OF SIX PROPOSED MONUMENT FEDERAL

WELL LOCATIONS IN THE

WELLS DRAW LOCALITY

OF DUCHESNE COUNTY, UTAH

Report Prepared for Equitable Resources Energy Company (Units 34-31, 31-6, 41-6, 22-6, 32-6, & 44-6)

Dept. of Interior Permit No.: UT-96-54937 AERC Project 1550 (BLCR-96-9A)

Utah State Project No.: UT-96-AF-0556b

Principal Investigator F. Richard Hauck, Ph.D.

Author of the Report F. Richard Hauck



ARCHEOLOGICAL-ENVIRONMENTAL RESEARCH CORPORATION (AERC)

181 North 200 West, Suite 5 Bountiful, Utah 84011-0853

October 28, 1996

ABSTRACT

An intensive cultural resource evaluation has been conducted for Equitable Resources Energy Company of six proposed Monument Federal well locations situated on federal administered lands in the Wells Draw locality of Duchesne County, Utah. This evaluation includes Monument Federal Units 34-31-8-16Y, 41-6-9-16Y, 44-6-9-16Y, 31-6-9-16Y, 32-6-9-16Y, and 22-6-9-16Y. This study involves a total of ca. 94 acres; 60 acres are associated with the six ten acre parcels examined around each of the well locations and 34 acres are associated with the ca. 2.84 miles of access routes and pipeline corridors associated with these six units. These investigations were conducted by Glade Hadden on October 24 through 26, 1996.

No previously recorded significant or National Register eligible cultural resources will be adversely affected by the development of the proposed well locations and associated access routes.

No newly identified prehistoric cultural resource locus were identified and recorded during the inventory.

No isolated, diagnostic artifacts were noted during the evaluations.

AERC recommends project clearance based on adherence to the stipulations noted in the final section of this report.

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GENERAL INFORMATION

On October 24 - 26, 1996, AERC archaeologist, Glade Hadden, conducted intensive cultural resource evaluations of six proposed Monument Butte well locations in the Wells Draw locality of Duchesne County, Utah (see Map 1). The purpose of this report is to detail the results of these evaluations, which include the Monument Federal Units 34-31-8-16Y, 41-6-9-16Y, 44-6-9-16Y, 31-6-9-16Y, 32-6-9-16Y, and 22-6-9-16Y (see Map 2) and various access routes and pipeline corridors associated with these six well sites. About 94 acres were examined which include 60 acres associated with the six ten acre well pad parcels and 34 acres associated with the cumulative 2.84 miles of 100 foot-wide access/pipeline corridors. All six proposed well locations are situated on federal lands administered by the Vernal District of the Bureau of Land Management, Diamond Mountain Resource Area, Vernal, Utah.

The purpose of the field study and this report is to identify and document cultural site presence and assess National Register potential significance relative to established criteria (cf., Title 36 CFR 60.6). The proposed development of these well locations and access/pipeline corridors requires an archaeological evaluation in compliance with U.C.A. 9-8-404, the Federal Antiquities Act of 1906, the Reservoir Salvage Act of 1960-as amended by P.L. 93-291, Section 106 of the National Historic Preservation Act of 1966-as amended, the National Environmental Policy Act of 1969, the Federal Land Policy and Management Act of 1979, the Archaeological Resources Protection Act of 1979, the Native American Religious Freedom Act of 1978, the Historic Preservation Act of 1980, and Executive Order 11593.

In addition to documenting cultural identity and significance, mitigation recommendations relative to the preservation of cultural data and materials can be directed to the Bureau of Land Management, Vernal District Office and to the State Antiquities Section.

Project Location

The project location is in the Wells Draw locality of Duchesne County, Utah. These six wells are situated on the Myton SW 7.5 minute topographic quad. in the following sections:

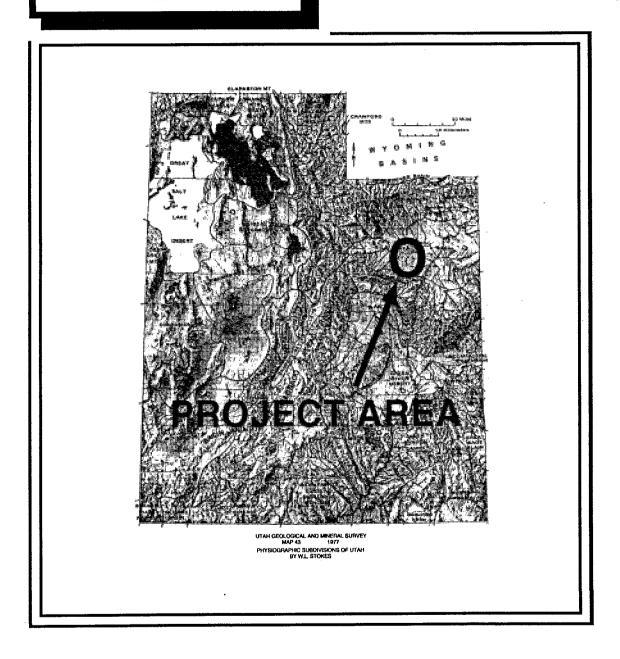
Monument Federal Unit 34-31-8-16Y (see Map 2) is in the southwest quarter of the southeast quarter of Section 31, Township 8 South, Range 16 East, Salt Lake B. & M. Its access/pipeline corridors link to an existing well to the east of the location.

Monument Federal Unit 31-6-9-16Y (see Map 2) is in the northwest quarter of the northeast quarter of Section 6, Township 9 South, Range 16 East, Salt Lake B. & M. Its access/pipeline corridor links to Unit 34-31 to the north of the proposed location.

MAP 1: GENERAL PROJECT LOCALITY
IN
DUCHESNE COUNTY
UTAH

PROJECT: BLCR - 96 - 9A SCALE: see below QUAD: see below

DATE: October 28, 1996





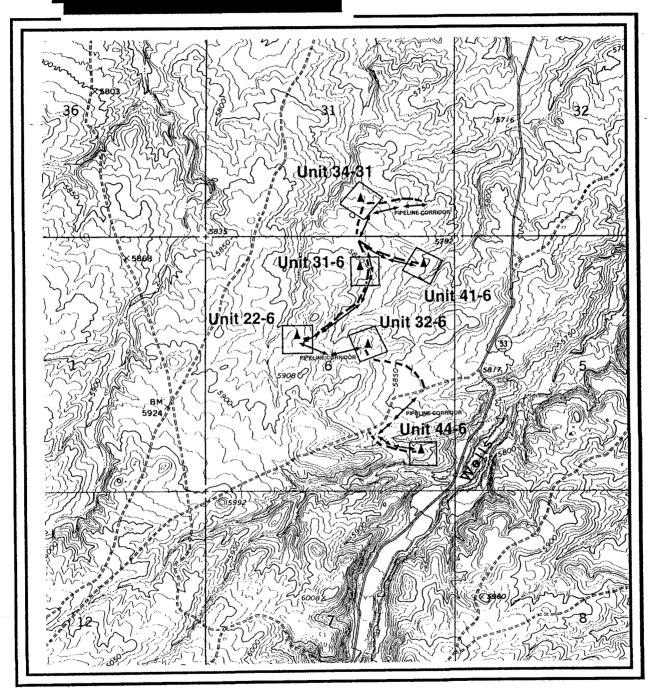
TOWNSHIP: MULTIPLE RANGE: MULTIPLE

MERIDIAN: SALT LAKE & UINTAH B. & M.

MAP 2: CULTURAL RESOURCE SURVEY
OF PROPOSED WELL LOCATIONS
IN THE WELLS DRAW LOCALITY OF
DUCHESNE COUNTY, UTAH

PROJECT: BLCR - 96 - 9A
SCALE: 1:24,000
QUAD: Myton SW, Utah

DATE: October 28, 1996



UTAH

TOWNSHIP: 8 & 9 South RANGE: 16 East

MERIDIAN: Salt Lake B. & M.

LEGEND

Well Location Access Route Ten Acre Survey Area



Monument Federal Unit 41-6-9-16Y (see Map 2) is in the northeast quarter of the northeast quarter of Section 6, Township 9 South, Range 16 East, Salt Lake B. & M. Its access/pipeline corridor links to Unit 34-31 to the northwest of the proposed location.

Monument Federal Unit 22-6-9-16Y (see Map 2) is in the southeast quarter of the northwest quarter of Section 6, Township 9 South, Range 16 East, Salt Lake B. & M. Its access pipeline links to Unit 31-6 to the northeast of the proposed location.

Monument Federal Unit 32-6-9-16Y (see Map 2) is in the southwest quarter of the northeast quarter of Section 6, Township 9 South, Range 16 East, Salt Lake B. & M. Its access links to an existing roadway to the southeast of the proposed location; its pipeline corridor links to the west with Unit 22-6.

Monument Federal Unit 44-6-9-16Y (see Map 2) is in the southeast quarter of the southeast quarter of Section 6 Township 9South, Range 16East, Salt Lake B. & M. Its access/pipeline corridors link to an existing roadway to the north of the proposed location.

Environmental Description

The project area is within the 5750 to 5900 foot elevation zone above sea level. Open rangeland terrain and eroded Eocene lakebed surfaces are associated with the project area.

The vegetation in the project area includes Chrysothamnus spp. Artemisia spp., Sarcobatus vermiculatus, Ephedra viridis, Cercocarpus spp. Atriplex canescens, and a variety of grasses.

The geological associations within the project area consist of fluvial lake deposits which correlate with the Uinta Formation which is of Tertiary age.

PREVIOUS RESEARCH IN THE LOCALITY

File Search

A records search of the site files and maps at the Antiquities Section of the State Historic Preservation Office in Salt Lake City was conducted on October 10, 1996. A similar search was conducted in the Vernal District Office of the BLM on July 31, 1996. The National Register of Historic Places has been consulted and no registered historic or prehistoric properties will be affected by the proposed developments.

A variety of known cultural sites are situated in the Wells Draw / Monument Buttes / Castle Peak Draw locality. Many of these prehistoric resources were identified and recorded by AERC during the Mapco River Bend survey (Hauck and Norman 1980). Other sites have been located and recorded by AERC and other archaeologists and consultants during oil and gas exploration inventories (cf., Fike and Phillips 1984, Hauck and Weder 1989, Hauck and Hadden 1993, 1994, 1995).

Prehistory and History of the Cultural Region

Currently available information indicates that the Northern Colorado Plateau Cultural Region has been occupied by a variety of cultures beginning perhaps as early as 10,000 B.C. These cultures, as identified by their material remains, demonstrate a cultural developmental process that begins with the earliest identified Paleoindian peoples (10,000 -- 7,000 B.C.) and extends through the Archaic (ca. 7,000 B.C. -- A.D. 300), and Formative (ca. A.D. 400 -- 1100) Stages, and the Late Prehistoric-Protohistoric periods (ca. A.D. 1200 -- 1850) to conclude in the Historic-Modern period which was initiated with the incursion of the Euro-American trappers, explorers, and settlers. Basically, each cultural stage -- with the possible exception of the Late Prehistoric hunting and gathering Shoshonean bands -- features a more complex life-way and social order than occurred during the earlier stage of development (Hauck 1991:53). For a more comprehensive treatment of the prehistory and history of this region see Archaeological Evaluations in the Northern Colorado Plateau Cultural Area (Hauck 1991).

Site Potential in the Project Development Zone

Previous archaeological evaluations in the general project area have resulted in the identification and recording of a variety of cultural resource sites having eligibility for potential nomination to the National Register of Historic Places (NRHP). The majority of these sites are lithic scatters containing cobble reduction materials. Many of these quarry sites are of the "Tap and Test" variety, and extend for tens or hundreds of meters. Open occupations are also frequently being identified in this locality. Sites associated with the open rangeland generally appear to have been occupied during the Middle Plains Archaic Stage with occasional indications of Paleoindian activity based on the recovery of isolated Plano style projectile points. The north-south drainage canyons appear to contain the majority of Late Prehistoric (Numa) sites probably because those canyon floors were transportation corridors and convenient pastures for the Ute horse herds. Evidence of Formative Stage occupation, i.e., Fremont, is rarely observed in the rangeland environment but is common within the Green River and White River canyons and their primary tributary canyons.

Site density in certain portions of the region appears to range from one to four sites per section. These densities increase in the canyon bottoms due to Ute rock art loci. Recent evaluations indicate that the site densities may reach 8 to 12 sites per section in certain localities

on the upper benches which were apparently favored for hunting, lithic resource procurement, and camping. Prehistoric sites on the rangeland benches appear to be associated with water courses and aeolian deposits.

FIELD EVALUATIONS

Methodology

Intensive evaluations of these six locations consisted of the archaeologist walking a series of 15 to 20 meter-wide transects within each ten acre parcel associated with each well pad zone and along a 100 foot-wide corridor centered on the flagged centerline for the six associated access routes and pipeline corridors as shown on Map 2. Thus, ca. 94 acres were inventoried relative to these proposed well locations of which 60 acres includes the six ten acre parcels and ca. 34 acres includes the cumulative 2.84 miles of access/pipeline corridors.

Observation of cultural materials results in intensive examinations to determine the nature of the resource (isolate or activity locus). The analysis of each specific cultural site results in its subsequently being sketched, photographed, and appropriately recorded on standard IMACS forms.

In certain instances, the cultural sites are then evaluated for depth potential utilizing AERC's portable Ground Penetrating Radar (GPR) computerized system (SIR-2 computer manufactured by Geophysical Survey Systems, Inc. [GSSI] of North Salem, New Hampshire). GPR was not used during this project.

Cultural sites are then evaluated for significance utilizing the standards described below and mitigation recommendations are considered as a means of preserving significant resources which may be situated within the development zone.

Site Significance Criteria

Prehistoric and historic cultural sites which can be considered as eligible for nomination to the National Register of Historic Places have been outlined as follows in the National Register's Criteria for Evaluation as established in Title 36 CFR 60.6:

The quality of significance in American ... archaeology ... and culture is present in ... sites ... that possess integrity of location, design, setting, materials, workmanship, feeling, and association and:

- a. That are associated with events that have made a significant contribution to the broad patterns of our history; or
- b. that are associated with the lives of persons significant in our past; or

c. that embody the distinctive characteristics of a type, period, or method of construction ...; or

d. that have yielded, or may be likely to yield, information important in prehistory or history.

In addition to satisfying one or more of these general conditions, a significant cultural resource site in Utah will generally be considered as being eligible for inclusion in the National Register if it should advance our current state of knowledge relating to chronology, cultural relationships, origins, and cultural life ways of prehistoric or historic groups in the area.

In a final review of any site's cultural significance, the site must possess integrity and at least one of the above criteria to be considered eligible for nomination to the National Record of Historic Places.

Results of the Inventory

No previously recorded cultural resource loci of historic or prehistoric affiliation will be adversely affected by the proposed development of these six proposed well locations and access/pipeline routes.

No diagnostic isolated artifacts were observed and recorded during the evaluations.

No paleontological sites or materials of significance were observed during these evaluations.

No prehistoric or historic activity loci were observed during the inventory.

CONCLUSION AND RECOMMENDATIONS

No cultural resources of significance are situated within the proposed development zone associated with these six well locations and their access/pipeline corridors.

AERC recommends that a cultural resource clearance be granted to Equitable Resources Energy Company relative to the development of these six proposed wells and associated corridors based upon adherence to the following stipulations:

- 1. All vehicular traffic, personnel movement, construction and restoration operations should be confined to the well pad zones, flagged areas, and corridors examined as referenced in this report, and to the existing roadways;
- 2. All personnel should refrain from collecting artifacts and from disturbing any significant cultural resources in the area; and
- 3. The authorized official should be consulted should cultural remains from subsurface deposits be exposed during construction work or if the need arises to relocate or otherwise alter the location of the exploration area.

F. Richard Hauck, Ph.D. President and Principal

Investigator

REFERENCES

Fike, Richard E. and H. Blaine Phillips II

1984 A Nineteenth Century Ute Burial from Northeast Utah. <u>Cultural Resource Series</u> No. 16, Bureau of Land Management, Salt Lake City.

Hauck, F. Richard

- 1981 Cultural Resource Inventory of Nine Proposed Well Locations and Access Roads in the Coyote Basin Locality of Uintah County, Utah, and in the Castle Peak Draw Locality of Duchesne County, Utah. Report prepared for Diamond Shamrock, DS-81-2, Archeological-Environmental Research Corporation, Bountiful.
- 1982 Cultural Resource Inventory of Five Proposed Well Locations and Access Roads in the Eightmile Flat and Castle Peak Localities of Uintah and Duchesne Counties, Utah. Report Prepared for Diamond Shamrock, DS-82-5, Archaeological-Environmental Research Corporation, Bountiful.
- 1984a "Excavation" (in) A Nineteenth Century Ute Burial from Northeast Utah. Cultural Resource Series No. 16, Bureau of Land Management, Salt Lake City.
- 1984b Cultural Resource Evaluations of Seven Proposed Well Locations Situated in the Castle Peak Draw Locality of Uintah County, Utah. Report Prepared for Overthrust Oil and Royalty Company, OORC-84-1, Archaeological-Environmental Research Corporation, Bountiful.
- 1987 Cultural Resource Evaluation of Two Seismic Line Corridors in the Leland Bench Pariette Draw Locality of Uintah County, Utah. Report prepared for Arma Geophysical Company, AGC-97-6), Archeological-Environmental Research Corporation, Bountiful.
- 1991 Archaeological Evaluations on the Northern Colorado Plateau Cultural Area, AERC Paper No. 45, Archeological-Environmental Research Corporation, Bountiful.
- 1992a Cultural Resource Evaluations of Four Proposed Well Locations in the Castle Peak Draw Locality of Duchesne County, Utah. Report prepared for Balcron Oil Company, BLCR-92-2, Archeological-Environmental Research Corporation, Bountiful.

- 1992b Addendum to Cultural Resource Evaluations of Four Proposed Well Locations in the Castle Peak Draw Locality of Duchesne County, Utah. Report prepared for Balcron Oil Company, BLCR-92-4, Archeological-Environmental Research Corporation, Bountiful.
- 1992c Cultural Resource Evaluations of Seven Proposed Well Locations in the Castle Peak Draw Locality of Duchesne County, Utah. Report prepared for Balcron Oil Company, BLCR-92-5, Archeological-Environmental Research Corporation, Bountiful.
- 1992d Cultural Resource Evaluation of a Proposed Water Pipeline Corridor in the Castle Peak Draw Locality of Duchesne County, Utah. Report prepared for Balcron Oil Company, BLCR-92-6, Archeological-Environmental Research Corporation, Bountiful.
- 1992e Cultural Resource Evaluation of Seven Proposed Well Locations in the Castle Peak Draw Locality of Duchesne County, Utah. Report prepared for Balcron Oil Company, BLCR-92-8, Archeological-Environmental Research Corporation, cf., Bountiful.
- 1993a Cultural Resource Evaluation of Nine Proposed Well Locations in the Castle Peak Draw Locality of Duchesne and Uintah Counties, Utah. Report prepared for Balcron Oil Company, BLCR-93-1, Archeological-Environmental Research Corporation, Bountiful.
- 1993b Addendum to Cultural Resource Evaluation of Nine Proposed Well Locations in the Castle Peak Draw Locality of Duchesne and Uintah Counties, Utah. Report prepared for Balcron Oil Company, BLCR-93-2, Archeological-Environmental Research Corporation, Bountiful.
- 1993c Cultural Resource Evaluation of a Pipeline Corridor Situated in the Castle Peak Draw Locality of Duchesne County, Utah. Report prepared for Balcron Oil Company, BLCR-93-3, Archeological-Environmental Research Corporation, Bountiful.
- 1996a Cultural Resource Evaluation of Four Proposed Well Locations and Access Routes in the Castle Peak Draw Locality -- Duchesne and Uintah Counties, Utah. Report prepared for Balcron Oil Company, BLCR-95-8A, Archeological-Environmental Research Corporation, Bountiful.
- 1996b Cultural Resource Evaluation of 13 Proposed Well Locations and Access Routes in the Castle Peak Draw Locality of Uintah and Duchesne Counties, Utah. Report

- prepared for Balcron Oil Company, BLCR-95-8B, Archeological-Environmental Research Corporation, Bountiful.
- 1996c Cultural Resource Evaluation of Two Proposed Well Locations and Access Routes in the Wells Draw Locality of Duchesne County, Utah. Report prepared for Balcron Oil Company, BLCR-96-1, Archeological-Environmental Research Corporation, Bountiful.
- 1996d Cultural Resource Evaluation of 11 Proposed Monument Federal Well Locations in the Wells Draw, Castle Peak Draw, Pariette Bench Locality of Duchesne County, Utah. Report prepared for Balcron Oil Company, BLCR-96-2, Archeological-Environmental Research Corporation, Bountiful.
- 1996e Cultural Resource Evaluation of Three Proposed Pipeline Corridor Complexes in the Castle Peak Draw Pariette Bench Locality of Duchesne and Uintah Counties, Utah. Report prepared for Balcron Oil Company, BLCR-96-3, Archeological-Environmental Research Corporation, Bountiful.
- 1996f Cultural Resource Evaluation of 5 Proposed Monument Well Locations in the Wells Draw, Pariette Bench, Eightmile Flat, and Big Wash Localities of Duchesne and Uintah Counties, Utah. Report prepared for Balcron Oil Company, BLCR-96-5A, Archeological-Environmental Research Corporation, Bountiful.
- 1996g Cultural Resource Evaluation of Two Proposed Monument Well Locations in the Eightmile Flat Locality of Uintah County, Utah. Report prepared for Balcron Oil Company, BLCR-96-5B, Archeological-Environmental Research Corporation, Bountiful.
- 1996h Cultural Resource Evaluation of Two Proposed Monument State Well Locations in the Castle Peak Draw Locality of Duchesne and Uintah Counties, Utah. Report prepared for Balcron Oil Company, BLCR-96-6, Archeological-Environmental Research Corporation, Bountiful.
- 1996i Cultural Resource Evaluation of Five Proposed Monument Federal Well Locations in the Pariette Bench Locality of Uintah County, Utah. Report prepared for Balcron Oil Company, BLCR-96-7, Archeological-Environmental Research Corporation, Bountiful.

Hauck, F. Richard and Glade Hadden

1993a Cultural Resource Evaluation of Seven Proposed Well Locations in the Monument Buttes Locality of Duchesne County, Utah. Report prepared for Balcron Oil Company, BLCR-93-4, Archaeological-Environmental Research Corporation, Bountiful.

- 1993b Cultural Resource Evaluation of Four Proposed Well Locations in the Monument Buttes Locality of Duchesne County, Utah. Report prepared for Balcron Oil Company, BLCR-93-5, Archaeological-Environmental Research Corporation, Bountiful.
- 1993c Cultural Resource Evaluation of Eight Proposed Well Locations in the Monument Buttes Locality of Duchesne County, Utah. Report prepared for Balcron Oil Company, BLCR-93-9, Archaeological-Environmental Research Corporation, Bountiful.
- 1993d Cultural Resource Evaluation of Four Proposed Well Locations in the Monument Buttes and Pleasant Valley Localities of Duchesne and Uintah Counties, Utah.
 - Report prepared for Balcron Oil Company, BLCR-93-10, Archaeological-Environmental Research Corporation, Bountiful.
- 1993e Cultural Resource Evaluation of Seven Proposed Wells in the Monument Buttes and Pleasant Valley Localities of Duchesne and Uintah Counties, Utah. Report prepared for Balcron Oil Company, BLCR-93-11, Archaeological-Environmental Research Corporation, Bountiful.
- 1994a Cultural Resource Evaluation of Eight Proposed Wells in the Pleasant Valley Locality of Uintah County, Utah. Report prepared for Balcron Oil Company, BLCR-94-3 Archaeological-Environmental Research Corporation, Bountiful.
- 1994b Cultural Resource Evaluation of Proposed Water Injection Line Lateral Segments in the Monument Buttes Locality of Duchesne County, Utah. Report prepared for Balcron Oil Company, BLCR-94-4, Archaeological-Environmental Research Corporation, Bountiful.
- 1994c Cultural Resource Evaluation of Proposed Well Locations and Access Routes in the Pariette Draw Castle Peak Draw Eight Mile Flat Localities of Duchesne and Uintah Counties, Utah. Report prepared for Balcron Oil Company, BLCR-94-9, Archaeological-Environmental Research Corporation, Bountiful.
- 1994d Cultural Resource Evaluation of Proposed Well Locations and Access Routes in the Castle Peak Draw and Eight Mile Flat Localities of Duchesne and Uintah Counties, Utah. Report prepared for Balcron Oil Company, BLCR-94-10, Archaeological-Environmental Research Corporation, Bountiful.
- 1994e Cultural Resource Evaluation of Two Proposed Balcron Monument State Well

Locations and Access Routes in the Castle Peak Draw Locality of Uintah County, Utah. Report prepared for Balcron Oil Company, BLCR-94-10b, Archaeological-Environmental Research Corporation, Bountiful.

- 1994f Cultural Resource Evaluation of Proposed Well Locations and Access Routes in the Monument Buttes and Pleasant Valley Localities of Duchesne and Uintah Counties, Utah. Report prepared for Balcron Oil Company, BLCR-94-11, Archaeological-Environmental Research Corporation, Bountiful.
- 1995a Cultural Resource Evaluation of Proposed Well Locations and Access Routes in the Monument Buttes Locality of Duchesne County, Utah. Report prepared for Balcron Oil Company, BLCR-95-1 & 2, Archaeological-Environmental Research Corporation, Bountiful.
- 1995b Cultural Resource Evaluation of a Series of Proposed Water Return Pipeline Routes in the Castle Peak Draw Locality of Duchesne County, Utah. Report prepared for Balcron Oil Company, BLCR-95-7, Archaeological-Environmental Research Corporation, Bountiful.

Hauck, F.R. and G. Norman

1980 Final Report on the Mapco River Bend Cultural Mitigation Study. <u>AERC Paper No. 18</u>, of the Archeological-Environmental Research Corporation, Bountiful.

Hauck, F.R. and Dennis Weder

1989 Pariette Overlook -- A Paleo-Indian Quarry Site in the Pariette Draw Locality of Uintah County, Utah. <u>AERC Paper No. 42</u>, of the Archaeological-Environmental Research Corporation, Bountiful.

Stokes, W.L.

1977 <u>Physiographic Subdivisions of Utah</u>. Map 43, Utah Geological and Mineral Survey, Salt Lake City.

Project U.S. Authorization No. U.9.6.A.F.0.5.5.6.b. Department of the Interior Bureau of Land Management Report Acceptable Yes __ No __ Utah State Office (AERC FORMAT) Mitigation Acceptable Yes ___ No __ Summary Report of Comments: Inspection for Cultural Resources SIX WELLLOCATIONSIN THE WELLS DRAW LOCALITY OF DUCHESNE CO. Equitable Resources Energy Corp. 2. Development Company 10 28 1 9 9 6 UT-96-54937 3. Report Date 4. Antiquities Permit No. A E R C BLCR - 96 - 9 6. Fieldwork TWN .0.8.S. . RNG .1.6.E. . Section.31, Location: TWN .0.9.S. . RNG .1.6.E. . Section 6 7. Resource Area .DM. 8. Description of Examination Procedures: The archeologist, Glade Hadden, intensively examined the proposed well locations, access routes, and pipeline corridors by walking 10 to 15 meter-wide transects in the ten acre parcels and along the 100 foot-wide access/pipeline corridors centered on the flagged centerline. 2 . 8 4 Ι <u>10. Inventory Type</u> . . 9. Linear Miles Surveyed and/or R = Reconnaissance I = Intensive and/or 9 4 S = Statistical Sample Legally Undefinable Acres Surveyed 12. Number Sites Found .0. . . . 11. Description of Findings: (No sites = 0) No archaeological sites were identified and recorded during 13. Collection: .N. this survey. (Y = Yes, N = No)14. Actual/Potential National Register Properties Affected: The National Register of Historic Places (NRHP) has been consulted and no registered properties will be affected by the proposed development. 15. Literature Search, Location/ Date: Utah SHPO 10-10-96 Vernal BLM 8-13-96

16. Conclusion/ Recommendations:

AERC recommends that a cultural resource clearance be granted to Equitable Resources Energy Company for the proposed developments based on the following stipulations:

- 1. All vehicular traffic, personnel movement, construction and restoration operations should be confined to the flagged areas, well pads and corridors examined as referenced in this report, and to the existing roadways and/or evaluated access routes.
- 2. All personnel should refrain from collecting artifacts and from disturbing any significant cultural resources in the area.
- 3. The authorized official should be consulted should cultural remains from subsurface deposits be exposed during construction work or if the need arises to relocate or otherwise alter the location of the exploration area.

17. Signature of Administrator & Field Supervisor

Administrator:

Field

Supervisor



DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt Ted Stewart Executive Director

355 West North Temple 3 Triad Center, Suite 350 Salt Lake City, Utah 84180-1203 801-538-5340 801-359-3940 (Fax) James W. Carter Division Director 801-359-3940 (Fax) 801-538-5319 (TDD)

November 14, 1996

Equitable Resources Energy Company 1601 Lewis Avenue Billings, Montana 59102

Monument Federal 22-6-9-16Y Well, 2011' FNL, 1869' FWL, SE NW, Sec. 6, T. 9 S., R. 16 E., Duchesne County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. 40-6-1 et seq., Utah Administrative Code R649-3-1 et seq., and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-31719.

Sincerely,

Associate Director

lwp

Enclosures

Duchesne County Assessor

Bureau of Land Management, Vernal District Office



Operator:	Equitable Resources Energy Company				
Well Name & Number:	Monument Federal 22-6-9-16Y				
API Number:	43-013-31719				
Lease:	UTU-74390				
Location: SE NW	Sec6 T. 9 S. R. 16 E.				

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for Permit to Drill.

2. Notification Requirements

Notify the Division within 24 hours following spudding the well or commencing drilling operations. Contact Jimmie Thompson at (801)538-5336.

Notify the Division prior to commencing operations to plug and abandon the well. Contact Frank Matthews at (801)538-5334 or Mike Hebertson at (801)538-5333.

3. Reporting Requirements

All required reports, forms and submittals shall be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

Form 3160-3 (November 1983)

SUBMIT IN TRIPLICATE® (Other instru

Form approved. Budget Bureau No. 1004-0136

(formerly 9-331C)		1日から1届けなり		TEVELBE		expires August 31, 1985	
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b. Tipe of Well	HER CO		•			n/a	
OIL [77]	VELL OTHER		SINGLE ZONE	MULTIP Zone	LE	8. FARM OR LEASE NAME	
2. NAME OF OPERATOR	VELL LJ OTHER					Monument Federal	
Fouitable	Resources Ener	gv Company				9. WELL NO.	
3. ADDRESS OF OPERATOR		33				#22-6-9-16Y	
1601 Lewi	is <mark>Av</mark> enue; Billi	ngs. MT 59102	2 (406) 259	-7860		10. FIELD AND POOL, OR WILDCAT	
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At surface					וו	11. SEC., T., E., M., OR BLE.	——
	W Section 6, T9	5, KIOE 2	UII FNL,	1003 LN	iL.	AND SURVEY OR AREA	
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14. DISTANCE IN MILES	AND DIRECTION FROM NEA	REST TOWN OR POST O	FFICE*			12. COUNTY OR PARISH 13. STATE	
Enom Mi	ton, Utah appro	vimately Ma	ilea SW			Duchesne	
15. DISTANCE FROM PROP	USED*		B. NO. OF ACRES	IN LEASE		OF ACRES ASSIGNED	
LOCATION TO NEARES!	LINE, FT.	-			10 1	HIS WELL	
(Also to nearest drights) 18. DISTANCE FROM PROF			9. PROPOSED DEPT	н	20. ROTA	RY OR CABLE TOOLS	
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Operator plans to drill this well in accordance with the attached EXHIBITS. listing of EXHIBITS is also attached.

SELF CERTIFICATION: I hereby certify that I am authorized, by proper lease interest owner, to conduct these operations associated with the application. Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by Equitable Resources Energy Company as principal and Safeco Insurance Company of America as surety under BLM Bond No. MT 0576 (Nationwide Oil & Gas Bond #5547188) who will be responsible for compliance with all of the terms and conditions of that portion of the lease associated with this application.

ORIGINAL: Bureau of Land Management (Vernal, UT) COPY: Utah Division of Oil, Gas and Mining

24

RECEIVED SEP 3 9 1996

DIV. OF OIL, GAS & MINING

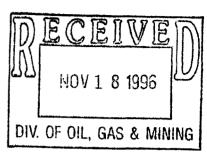
IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive sone and proposed new productive tionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout ZOD pre

(This space for Federal or State office use) PERMIT NO. 43-013-317/9 ACTING Assistant Field Manager NOV 1	25, 1996	September 25, 199		st		Regulatory	nan_	phie Schuma	HODDIA S
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					DATE	APPROVAL	719	43-013-317	PERNIT NO.
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*See Instructions On Reverse Side

COA's Page 1 of 9 Well: Monument Fed. 22-6-9-16Y

CONDITIONS OF APPROVAL APPLICATION FOR PERMIT TO DRILL



Company/Operator: Equitable Resources Energy Company

Well Name & Number: Monument Federal 22-6-9-16Y

API Number: 43-013-31719

Lease Number: U-74390

Location: SENW Sec. 6 T. 9S R. 16E

NOTIFICATION REQUIREMENTS

at least forty-eight (48) hours prior to construction of location and Location Construction -

access roads.

prior to moving on the drilling rig. Location Completion

at least twenty-four (24) hours prior to spudding the well. Spud Notice

at least twenty-four (24) hours prior to running casing and Casing String and

cementing all casing strings. Cementing

at least twenty-four (24) hours prior to initiating pressure tests. **BOP** and Related

Equipment Tests

within five (5) business days after new well begins, or production First Production resumes after well has been off production for more than ninety (90) Notice

days.

For more specific details on notification requirements, please check the Conditions of Approval for Notice to Drill and Surface Use Program.

COA's Page 2 of 9 Well: Monument Fed. 22-6-9-16Y

CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil and Gas Orders, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

Be aware fire restrictions may be in effect when location is being constructed and/or when well is being drilled. Contact the appropriate Surface Management Agency for information.

A. DRILLING PROGRAM

1. <u>Estimated Depth at Which Oil, Gas, Water, or Other Mineral Bearing Zones are Expected to be Encountered</u>

Report <u>ALL</u> water shows and water-bearing sands to Tim Ingwell of this office **prior to** running the next casing string or requesting plugging orders. Copies of State of Utah form OGC-8-X are acceptable. If noticeable water flows are detected, submit samples to this office along with any water analyses conducted.

All usable water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling, will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

2. Pressure Control Equipment

The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc., for a **2M** system and individual components shall be operable as designed. Chart recorders shall be used for all pressure tests.

Test charts, with individual test results identified, shall be maintained on location while drilling and shall be made available to a BLM representative upon request.

If an air compressor is on location and is being utilized to provide air for the drilling medium while drilling, the special drilling requirements in Onshore Oil and Gas Order No. 2, regarding air or gas drilling shall be adhered to. If a mist system is being utilized then the requirement for a deduster shall be waived.

3. Casing Program and Auxiliary Equipment

Surface casing shall have centralizers on the bottom three joints, with a minimum of one centralizer per joint.

If conductor pipe is set it will be cemented to surface. If drive pipe is used it will be pulled prior to cementing surface casing.

As a minimum, the usable water and oil shale resources shall be isolated and/or protected by having a cement top for the production casing at least 200 ft. above the base of the Usable Water Zone identified at \pm 628 ft.. If gilsonite is encountered while drilling, it shall be isolated and/or protected via the cementing program.

As a minimum, the usable water and oil shale resources shall be isolated and/or protected by the cementing program. If gilsonite is encountered while drilling, it shall be isolated and/or protected via the cementing program.

4. <u>Mud Program and Circulating Medium</u>

Hazardous substances specifically listed by the EPA as a hazardous waste or demonstrating a characteristic of a hazardous waste will not be used in drilling, testing, or completion operations.

No chromate additives will be used in the mud system on Federal and Indian lands without prior BLM approval to ensure adequate protection of fresh water aquifers.

5. Coring, Logging and Testing Program

Daily drilling and completion progress reports shall be submitted to this office on a weekly basis.

All Drill Stem tests (DST) shall be accomplished during daylight hours, unless specific approval to start during other hours is obtained from the AO. However, DSTs may be allowed to continue at night if the test was initiated during daylight hours and the rate of flow is stabilized and if adequate lighting is available (i.e., lighting which is adequate for visibility and vaporproof for safe operations). Packers can be released, but tripping should not begin before daylight unless prior approval is obtained from the AO.

A cement bond log (CBL) will be run from the production casing shoe to \pm 428 ft. and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.

COA's Page 4 of 9 Well: Monument Fed. 22-6-9-16Y

Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3164. Two copies of all logs, core descriptions, core analyses, well-test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with Form 3160-4. Samples (cuttings, fluids, and/or gases) will be submitted when requested by the AO.

6. <u>Notifications of Operations</u>

No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of the AO. If operations are to be suspended, prior approval of the AO will be obtained and notification given before resumption of operations.

The Vernal District Office shall be notified, during regular work hours (7:45 a.m.-4:30 p.m., Monday through Friday except holidays), at least 24 hours **prior** to spudding the well.

Operator shall report production data to MMS pursuant to 30 CFR 216.5 using form MMS/3160.

<u>Immediate Report</u>: Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be promptly reported in accordance with the requirements of NTL-3A or its revision.

If a replacement rig is contemplated for completion operations, a "Sundry Notice" (Form 3160-5) to that effect will be filed, for prior approval of the AO, and all conditions of this approved plan are applicable during all operations conducted with the replacement rig.

The date on which production is commenced or resumed will be construed for oil wells as the date on which liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which liquid hydrocarbons are first produced into a permanent storage facility, whichever first occurs; and, for gas wells as the date on which associated liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which gas is first measured through permanent metering facilities, whichever first occurs.

Should the well be successfully completed for production, the AO will be notified when the well is placed in a producing status. Such notification will be sent by telegram or other written communication, not later than five (5) days following the date on which the well is placed on production.

COA's Page 5 of 9 Well: Monument Fed. 22-6-9-16Y

Gas produced from this well may not be vented or flared beyond an initial authorized test period of 30 days or 50 MMCF following its completion, whichever occurs first, without the prior written approval of the Authorized Officer. Should gas be vented or flared without approval beyond the authorized test period, the operator may be directed to shut-in the well until the gas can be captured or approval to continue venting or flaring as uneconomic is granted and the operator shall be required to compensate the lessor for that portion of the gas vented or flared without approval which is determined to have been avoidably lost.

A schematic facilities diagram as required by 43 CFR 3162.7-5 (b.9. d.), and shall be submitted to the appropriate District Office within sixty (60) days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with 43 CFR 3162.7-5 (b. 4).

No well abandonment operations will be commenced without the prior approval of the AO. In the case of newly drilled dry holes or failures, and in emergency situations, oral approval will be obtained from the AO. A "Subsequent Report of Abandonment" Form 3160-5, will be filed with the AO within thirty (30) days following completion of the well for abandonment. This report will indicate where plugs were placed and the current status of surface restoration. Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the AO or his representative, or the appropriate Surface Managing Agency.

7. Other Information

All loading lines will be placed inside the berm surrounding the tank battery.

All off-lease storage, off-lease measurement, or commingling on-lease or off-lease will have prior written approval from the AO.

The oil and gas measurement facilities will be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries. Tests for meter accuracy will be conducted following initial installation and at least quarterly thereafter. The AO will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports will be submitted to the Vernal District Office. All meter measurement facilities will conform with Onshore Oil & Gas Order No. 4 for liquid hydrocarbons and Onshore Oil & Gas Order No. 5 for natural gas measurement.

The use of materials under BLM jurisdiction will conform to 43 CFR 3610.2-3.

There will be no deviation from the proposed drilling and/or workover program without prior approval from the AO. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned will be identified in accordance with 43 CFR 3162.

"Sundry Notice and Report on Wells" (Form 3160-5) will be filed for approval for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.

COA's Page 6 of 9 Well: Monument Fed. 22-6-9-16Y

Section 102(b)(3) of the Federal Oil and Gas Royalty Management Act of 1982, as implemented by the applicable provisions of the operating regulations at Title 43 CFR 3162.4-1(c), requires that "not later than the 5th business day after any well begins production on which royalty is due anywhere on a lease site or allocated to a lease site, or resumes production in the case of a well which has been off production for more than 90 days, the operator shall notify the authorized officer by letter or sundry notice, Form 3160-5, or orally to be followed by a letter or sundry notice, of the date on which such production has begun or resumed."

If you fail to comply with this requirement in the manner and time allowed, you shall be liable for a civil penalty of up to \$10,000 per violation for each day such violation continues, not to exceed a maximum of 20 days. See Section 109(c)(3) of the Federal Oil and Gas Royalty Management Act of 1982 and the implementing regulations at Title 43 CFR 3162.4-1(b)(5)(ii).

APD approval is valid for a period of one (1) year from the signature date. An extension period may be granted, if requested, prior to the expiration of the original approval period.

In the event after-hours approval or notification is necessary, please contact one of the following individuals:

Wayne P. Bankert (801) 789-4170 Petroleum Engineer

Ed Forsman (801) 789-7077 Petroleum Engineer

Jerry Kenczka (801) 789-1190 Petroleum Engineer

BLM FAX Machine (801) 781-4410

COA's Page 7 of 9 Well: Monument Fed. 22-6-9-16Y

EPA'S LIST OF NONEXEMPT EXPLORATION AND PRODUCTION WASTES

While the following wastes are nonexempt, they are not necessarily hazardous.

- Unused fracturing fluids or acids
- Gas plant cooling tower cleaning wastes
- Painting wastes
- Oil and gas service company wastes, such as empty drums, drum rinsate, vacuum truck rinsate, sandblast media, painting wastes, spend solvents, spilled chemicals, and waste acids
- Vacuum truck and drum rinsate from trucks and drums, transporting or containing nonexempt waste
- Refinery wastes
- Liquid and solid wastes generated by crude oil and tank bottom reclaimers
- Used equipment lubrication oils
- Waste compressor oil, filters, and blowdown
- Used hydraulic fluids
- Waste solvents
- Waste in transportation pipeline-related pits
- Caustic or acid cleaners
- Boiler cleaning wastes
- Boiler refractory bricks
- Incinerator ash
- Laboratory wastes
- Sanitary wastes
- Pesticide wastes
- Radioactive tracer wastes
- Drums, insulation and miscellaneous solids

COA's Page 8 of 9 Well: Monument Fed. 22-6-9-16Y

SURFACE USE PROGRAM

METHODS FOR HANDLING WASTE MATERIALS AND DISPOSAL

The reserve pit shall be lined with a synthetic liner that is a minimum of 12 mil thickness with sufficient bedding to cover any rocks. The liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. No trash, scrap pipe, etc., that could puncture the liner will be disposed of in the pit.

Plans For Reclamation Of Location

When reclaiming the reserve pit, the pit liner will be torn and perforated before backfilling the reserve pit and the torn liner will be buried a minimum of four (4) feet deep. If this is a producing well and after the reclamation of the reserve pit, and unused disturbed areas, contact the authorized office to obtain a seed mixture to revegetate these specific areas.

At time of final abandonment the intent of reclamation will be to return the disturbed area to near natural conditions. Recontour the surface of the disturbed area to blend all cuts, fills, road berms, and borrow ditches to be natural in appearance with the surrounding terrain. After recontouring of the area any stockpiled topsoil will be spread over the surface, and the area reseeded and revegetated to the satisfaction of the authorized officer of the BLM. Contact the authorized officer of the BLM at the time of reclamation for the required seed mixture.

Other Information

The operator or their contractor shall contact the BLM office at (801)789-1362, 48 hours prior to construction activities.

SAGE GROUSE

No surface disturbing activities, construction, or drilling operations including the initial completion activities are to occur on the well, access road or location from March 1 through June 30. This restriction is to protect the nesting of sage grouse that may be utilizing the area habitat.

MOUNTAIN PLOVERS & BURROWING OWLS

No surface disturbing activities, construction, or drilling operations including the initial completion activities are to occur on the well, access road, or location from March 15 through August 15. This restriction is to protect the nesting Mountain Plovers and Burrowing Owls located in the surrounding area. The restriction does not apply to maintenance and operation of existing wells and facilities. Waivers, exceptions, or modifications to this restriction may be specifically approved in writing by the authorized officer of the Bureau of Land Management if either the resource values change or the lessee/operator demonstrates that adverse impacts can be mitigated.

An example of an exception: could be to contact the authorized officer of the BLM to coordinate additional surveys for mountain plover & burrowing owl. The notification will be required a minimum of 14 days prior to surface disturbance to allow time to conduct a wildlife survey. If an active nest or chicks are found, the proposed activity will be delayed until the chicks are out

COA's Page 9 of 9 Well: Monument Fed. 22-6-9-16Y

of downy plumage or the brood vacates the area.

RAPTOR NESTING

If this is a producing well, to protect potential nesting raptor species in the area the operator shall install a high quality muffler to limit the noise impacts in the area.

D	ivisioa	of Oil, Gas and Mining	Routing:							
C	OPERATOR CHANGE WORKSHEET									
	2-GIH 7-KAS-/42									
Α	Attach all documentation received by the division regarding this change.									
Ĺn	Initial each listed item when completed. Write N/A if item is not applicable. 4-VI.D 9-FILE									
			5 JRB							
XX	k Ch	hange of Operator (well sold) Designation of Agent								
		esignation of Operator								
===		g operator i camb change chiny	, , , , , , , , , , , , , , , , , , ,							
Th	e op	perator of the well(s) listed below has changed, effective: 9-30-97								
TC). (n	new operator) INLAND PRODUCTION COMPANY FROM: (old operator)	FOUTTABLE DECOUDERS ENERGY							
	,, (tì	(address) PO BOX 1446 (address)	C/O CRAZY MTN O&G SVS							
		ROOSEVELT UT 84066	PO BOX 577							
			LAUREL MT 59044							
		Phone: (801)722-5103	Phone: (406)628-4164							
		Account no. N5160	Account no. N9890							
			71000th 110. <u>13333</u>							
W	ELL	(S) attach additional page if needed:								
Nam	ie: _	**SEE ATTACHED** API:43-013-31719 Entity: S T	R Lease:							
Nam	_	API: Entity: S T	R Lease:							
Nam Nam		API: Entity: S T API: Entity: S T	R Lease:							
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OPI	ERA	ATOR CHANGE DOCUMENTATION								
iI										
Hec	1.	(r649-8-10) Sundry or other legal documentation has been received from the form). (fee 11-21-10-97)	FORMER operator (attach to this							
1/10	2	(r649-8-10) Sundry or other legal documentation has been received from	the NEW enemter (Attach to this							
<i>pu</i>	۷.	form). (Led 10-20-97)	the NEW operator (Attach to this							
NA	3.	The Department of Commerce has been contacted if the new operator at wells in Utah. Is the company registered with the state? (yes/no)	pove is not currently operating any							
n			ii yes, show company inc in-							
ec	4.	FOD INDIAN AND PEDEDAL MELL CONT. M. DIAG.	Make							
عادان	т.	FOR INDIAN AND FEDERAL WELLS ONLY. The BLM has been continuous of BLM status in comments section of this form. BLM approval of	Rederal and Indian well operator							
· •.		changes should ordinarily take place prior to the division's approval, and	before the completion of steps 5							
		through 9 below.								
el LC	5.	Changes have been entered in the Oil and Gas Information System (3270)) for each well listed above.							
1/2	_	(11-29-47-)	,							
ec	6.	Cardex file has been updated for each well listed above. (11-24-97)								
0	7.	Well file labels have been updated for each well listed above. (11-24-97)	•							
2	8.	Changes have been included on the monthly "Operator, Address, and Account to Trust Lands, Sovereign Lands, UGS, Tax Commission, etc. (1-24-97)	it Changes" memo for distribution							

-OVER-

's/wpdocs/forms/operching

9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

Fag. 1



October 7, 1997

Bureau of Land Management Vernal District Office 170 South 500 East Vernal, UT 84078

RE: Change of Operator

Duchesne & Vernal Counties, Utah

Dear Mr. Forsman:

Please find attached Sundry Notices and Reports on Wells for Change of Operator, previously operated by Equitable Resources Energy Company for approval.

If you should have questions regarding this matter, please do not hesitate to contact me at the number listed below.

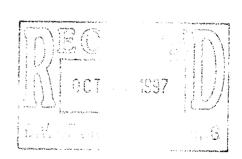
Sincerely,

INLAND PRODUCTION COMPANY

Barrean

Patsy Barreau

/pb encls.



Form 3160-5 (June 1990)

UNITED STATES DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

FORM	(APPR	OVED "	
Budget Bun	eau No.	1004-01	35
Expires:	March	31, 1993	•

 Expires:	March	31, 1993	4
 Danisana		Carial M	_

SUNDRY NOTICES A	AND R	REPORTS	ON	WELLS
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Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.

Use "APPLICATION FOR PERMIT—" for such proposals

See Attached

6. If Indian, Allottee or Tribe Name n/a

	· · · · · · · · · · · · · · · · · · ·	ł	
SUBMIT	7. If Unit or CA, Agreement Designation See Attached		
1. Type of Well Oil Well Well Other	8. Well Name and No.		
2. Name of Operator	- HACHARD	See Attached	
Inland Production Company	00T 1 9 100=	9. API Well No.	
3. Address and Telephone No.		See Attached	
475 - 17th Street, Suite 1500), Denver, CO 80202 (303) 292-0900	10. Field and Pool, or Exploratory Area	
4. Location of Well (Footage, Sec., T., R., M., or Survey D	escription)	See Attached	
See Attached		11. County or Parish, State	
		See Attached	
12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPOR	T, OR OTHER DATA	
TYPE OF SUBMISSION	TYPE OF ACTION		
Notice of Intent	Abandonment	Change of Plans	
	Recompletion	New Construction	
X Subsequent Report	Plugging Back	Non-Routine Fracturing	
<u> </u>	Casing Repair	Water Shut-Off	
Final Abandonment Notice	Altering Casing	Conversion to Injection	
	LX Other <u>Change of Operator</u>	(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	
the Approved and Pending Appl exhibit. The previous Operat	Inland Production Company will take of ications for Permit to Drill listed of or was: Equitable Resonant 1601 Lewis Avenant Billings, MT	n the attached urces Energy Company nue	
terms and conditions of the le	Inland Production Company is responsive eases for operations conducted on the M Bond No. UT0056 issed by The Hartfo	leased lands	
14. I hereby certify had the foregoing is true and correct Signed (This space for Federal or State office use)	CHRISA, POTTER, ATTORNEY-IN-FACT	Date 9/30/97	
Approved byConditions of approval, if any:	Title	Date	

Revised 9/17/97	9/30/97	· · · · · · · · · · · · · · · · · · ·			(APPR	REC APD LIST OVED and PE	IDING)			ST = State				
WELL NAME	FIELD		= ====	TWP.	RANGE	==========	ST.	APD STATUS	ZONE	FED. OR STATI LEASE NO.	API NUMBE	· OOIMOLO	BLM OFFICE	UNIT OR V
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onument Federal #11-10-9-17Y	Monument Butte	TABLEAUGE												
onument Federal #11-17-9-16Y	Monument Butte	NW NW	10	9\$		Duchesne	UT	PND	Green River	U-65210				· · · · · · · · · · · · · · · · · · ·
onument Federal #12-7-9-16Y	Monument Butte	NW NW	17	98	17E	Duchesne	UT	APRVD	Green River	UTU-74390	43013315	34 409' FNL, 475' FWL	Vernal	
onument Federal #12-11-9-17Y	Monument Butte	SW NW	7	98	16E	Duchesne	UT	APRVD	Green River	UT-74390	43-013-3177	9 575' FNL, 640' FWL	Vernal	
onument Federal #14-22-8-17	Monument Butte		11	98	17E	Duchesne	UT	APRVD	Green River	U-65210	43-013-3177	7 1980' FNL, 660' FWL	Vernal	
onument Federal #14-25-8-17	Monument Butte	SW SW	22	88		Duchesne	UT	APRVD	Green River	U-67845	43-013-3167	9 1996' FNL, 673' FWL	Vernal	
onument-Federal #21-6-9-16Y	Monument Butte	NE NW	25	88	17E	Uintah	UT	APRVD	Green River	UTU-74870	43-013-3164	3 532' FSL, 495' FWL	Vernal	· · · · · · · · · · · · · · · · · · ·
onument Federal #21-18-9-16Y	Monument Butte	NE NW	6 18	98	16E	Duchesne	UT	APRVD	Green River	UTU-74390	43-047-3276	660' FSL, 660 FWL	Vernal	Humpback
onument Federal #21-22-9-16Y	Monument Butte	NE NW	22	98	16E	Duchesne	UT	PND	Green River	UTU-74390	43-013-3181	663' FNL, 1728' FWL	Vernal	· · · · · · · · · · · · · · · · · · ·
onument Federal #22-6-9-16Y	Monument Butte	SENW	6	98	16E	Duchesne	UT	APRVD	Green River	UTU-64379	130133181	7 859' FNL, 1660' FWL	Vernal	
onument Federal #22-7-9-16Y	Monument Butte	SE NW	7	9S 9S	16E	Duchesne		APRVD	Green River	UTU-74390	43-013-3172	911' FNL, 2030' FWL	Vernal	
onument Federal #23-6-9-16Y	Monument Butte	NE SW	6	9S		Duchesne		APRVD	Green River	UTU-74390	43-013-3171	2011' FNL, 1869 FWL	Vernal	
onument Federal #23-31-8-16Y	Monument Butte	NE SW	31	8S		Duchesne			Green River	UTU-74390	43-013-31776	2036' FNL, 2070' FWL 1938' FSL, 1756' FWL	Vernal	·
onument Federal #24-6-9-16Y	Monument Butte	SE SW	6	98		Duchesne			Green River	UTU-74389	43-013-31812	1980' FSL, 1826' FWL	Vernal	
onument Federal #24-7-9-16Y	Monument Butte	SE SW	7	98		Duchesne		PND	Green River	UTU-74390	43-013-31010	717' FSL, 2118' FWL	Vernal	•
onument Federal #24-31-8-16Y	Monument Butte	SE SW	31	8S		Duchesne	i		Green River	UTU-74390	43-013 31776	517' FSL, 2118' FWL	Vernal	
onument Federal #31-10-9-17Y	Monument Butte	NW NE	10	9S		Duchesne			Green River	U-49950	43-013-31770	682' FSL, 1832' FWL	Vernal	
nument Federal #32-5-9-17	Monument Butte	SW NE	5	98		Duchesne Duchesne			Green River	U-65210	4301331591		Vernal	
nument Federal #32-7-9-16Y	Monument Butte	SW NE	7	98		Duchesne			Green River	UTU-74808		1833' FNL, 1913' FEL	Vernal	
nument Federal #32-18-9-16Y	Monument Butte	SW NE	18	98		Duchesne			Green River	UTU-74390	43-013-31778	2048' FNL, 1769' FEL	Vernal	
nument Federal #32-20-9-18Y	8 Mile Flat	SW NE	20	98		Jintah			Green River	UTU-74390	4201221005	1996' FNL, 1910' FEL	Vernal	
nument Federal #33-5-9-17	Monument Butte	NW SE	5	98		Duchesne			Green River	U-64917	43-047-32725	1980' FNL, 1980' FEL	Vernal	
nument Federal #33-7-9-16Y	Monument Butte	NW SE	7	98		Duchesne	.		Green River	UTU-74808		1754' FSL, 2031' FEL	Vernal	
nument Federal #33-31-8-16Y	Monument Butte	NE SE	31	8S		Duchesne			Green River	UTU-74390	43-013-31773	2131' FSL, 1910' FEL	Vernal	
nument Federal #34-6-9-16Y	Monument Butte	SW SE	34	98		Duchesne			Green River	UTU-74389	43-013-31772	1957' FSL, 1810' FEL	Vernal	
nument Federal #34-7-9-16Y	Monument Butte	SW SE	7	98					Green River	UTU-74390		660' FSL, 1980' FEL	Vernal	
nument Federal #34-31-8-18Y	Monument Butte	SWSE	34	88		lintah			Green River	UTU-74390		701' FSL, 2075' FEL	Vernal	
nument Federal #41-22-8-17	Monument Butte	NE NE	22	88		uchesne			Freen River	UTU-74404	430473284	636' FSL, 2160' FEL	Vemal Vemal	
nument Federal #41-25-8-17 nument Federal #41-35-9-18Y	Monument Butte	NE NE	25	88	i	lintah			Green River	UTU-76240		703' FNL, 759' FEL		
nument Federal #42-22-8-17	Monument Butte	NE NE	35	98	18E U				reen River	U-67845	43-047-32766	800' FNL, 860' FEL	Vernal (Private sfc.) Vernal	
nument Federal #42-25-8-17	Monument Butte	SE NE	22	88					reen River	U-68618	43-047-32727	500' FNL, 660' FEI	Vernal	Humpback
nument Federal #43-22-8-17	Monument Butte	NE NE	25	88					reen River	UTU-76240	43-013-31826	1930' FNI, 803' FEL	Vernal (Private sfc.)	
nument Federal #43-31-8-16Y	Monument Butte	NE SE	22	88	17E D				reen River	U-67845	43-047-32767	1930' FNL. 803' FFI	Vernal (Frivate Sic.)	
ument Federal #43-31-8-18Y	Monument Butte	NE SE	31	88					reen River	UTU-67845	43-013-31813	2174' FSL 557' FFI	Vernal	·-·
iument Federal #43-25-8-17	Monument Butte	NE SE			18E U				reen River	UTU-74389	43-013-31815	1980' FSL, 660' FEI	Vernal	
nument Federal #44-7-9-16Y	Monument Butte	NE SE		88	17E U				reen River	U1U-74404	4304737944	1764' FSI 623' FEI	Vernal	
nument Federal #44-31-8-18Y	Monument Butte	SE SE			16E D				reen River	U-67845	43-047-32768	1973' FSL, 719' FEL	Vernal	
ument State #41-2-9-17CD		SE SE	i		18E Ui				reen River	UTU-74390	43013 31804	660' FSL, 660' FEL	Vernal	Polyan
ument State #42-2-9-17CD		NE NE			17E Ui				reen River	U-65969	4304732728	915' FSL, 759' FEL 662' FNL, 660' FFI	Vernal	Beluga
,	Monument Butte	SE NE	2	9S	17E Ui	ntah			reen River	State #ML-45555	43-047-32843	662' FNL, 660' FEL		Caetle Des
									COLLIVIAGI	State #ML-45555	42-047-32842	1985' FNL, 660' FEL		Castle Draw Castle Draw

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m 100-3 ne 1990) DEPARTME BUREAU OF	ENT OF THE INTERIOR ELAND MANAGEMENT	FORM APPROVED Budget Bureau No. 1004-0135 Expires: March 31, 1993 5. Lease Designation and Serial No. See Attached			
SUNDRY NOTICE Do not use this form for proposals to Use "APPLICATION F	6. If Indian, Allottee or Tribe Name n/a. 7. If Unit or CA, Agreement Designation				
SUBM	IT IN TRIPLICATE	See Attached			
Type of Well X Oil	OO, Denver, CO 80202 (303) 292-0900 by Description) OX(s) TO INDICATE NATURE OF NOTICE, REPO	8. Well Name and No. See Attached 9. AFI Well No. See Attached 10. Flaid and Fool, or Exploratory Area See Attached 11. County or Parish, State See Attached RT, OR OTHER DATA			
2. CHECK APPROPRIATE BC	TYPE OF ACTION				
TYPE OF SUBMISSION Notice of Intent	Abandonrnent	Change of Plans New Construction			
Subsequent Report	Recomplation Plugging Back Casing Repuir	Non-Routine Fracturing Water Shut-Off Conversion to Injection			

Altering Casing Dispose Water (Note: Report results of multiple completion on Wall Final Abandonment Notice Completion or Recompletion Report and Log form.) 13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If wall is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Effective September 30, 1997, Inland Production Company will take over Operations of the Approved and Pending Applications for Permit to Drill listed on the attached Equitable Resources Energy Company exhibit. The previous Operator was: 1601 Lewis Avenue Billings, MT 59102'

Effective September 30, 1997, Inland Production Company is responsible under the terms and conditions of the leases for operations conducted on the leased lands or a portion thereof under BLM Bond No. UT0056 issed by The Hartford Insurance Group.

4. I hereby cornity yet the foregoing is true and correct Signed	CHRIS A POTTER ATTORNEY-IN-FACT	Date 9/30/97
(This space for Federal or State office use)	Tide	Date
Approved by Conditions of approval, if any:	Assess of the United Sta	es any false, fictilious or fraudulent statements

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

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rised 9/17/S7		i	-		APPRO	VED and PEN	DING)		
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WELLNAME	PIELD	OTROTE	SEC.	TWP.	RANGE	COUNTY	57.	STATUS	ZONE
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nument Federal #11-10 9-17Y	Monument Butte	NAN MAN	10	<u> </u>	17E	Duchesne	UT	PND	Green River
nument Federal #11-17-9-16Y	Monument Buttle	NW WW	17	98	. 17E	Duchesne	UT	APRVD	Green River
nument Federal #12-7-9-16Y	Monument Butte	SWNW	7	98	, 16E	Duchesne	UT	APRVD	Green River
nument Federal #12-11-9-17Y	Monument Butte	SW NW	111	98	17E	Duchesne	UT	APRVD	Green River
grument Federal #14-22-8-17	Monument Bulle	SWSW	22	8\$	17E	Duchesne	UT	APRVD	Green River
onument Federal #14-25-8-17	Monument Butte	SW SW	25	85	17E	Uintah	பு	APRVD	Green River
grument Federal #21-6-9-16Y	Monument Butte	NE NW	5	95	16E	Duchesne	ייער –	APRVD	Green River
onument Federal #21-18-9-16Y	Monument Butte	NE NW	16	95	16€	Duchesne	~ υτ	PND	Green River
onument Federal #21-22-9-16Y	Monument Butle	NE NW	22	. 82	16E	Duchesne	<u> </u>	APRVD	Green River
prument Federal #22-6-9-15Y	Monument Butle	SE NW	6	25	-16E	Duchesne	U	APRVD	Green River
pnument Federal #22-7-9-16Y	Monument Butte	SE NW	7	i 9S	16E	Duchesne	UT	APRVO	Green River
orument Federal #23-6-9-16Y	Monument Butte	NE SW	- 6	98	18E	Duchesne	UT	APRVD	Green River
brument Federal #23-31-8-16Y	:Monument Butte	NE SW	1 31	BS	16E	Duchesne	UT	APRVO	Green River
continuent Federal #24-5-9-16Y	Monument Suite	SE SW	6		16E	Duchesne	u	PND	Green River
conument Federal #24-7-9-16Y	Monument Butte	SE SW	- 		16E	Duchesne	UT	APRVD	Green River
countent Federal \$24-31-8-161	Monument Butle	ISE SW	31		16E	Duchesne	\ u	APRVD	Green River
Ignument Federal #31-10-9-17Y	Monument Butte	NW NE	10	1	175	Duchesne	UT	PND	Green River
COMMENT POLICE #31-10-9-171	Monument Butte	SW NE	+ - 5		17E	Duchesne	ப	PND	Green River
ionument Federal #32-5-9-17	Monument Butte	SA'NE	- ; - ;	1	18E	Duchesne	UT	APRVD	Green River
tonument Federal #32-7-9-15Y	Monument Builte	SW NE	18		15E	Duchesne	UT	PND	Green River
tonument Federal #32-18-9-15Y	8 Mile Flat	SW NE		1	18E	Uintah	UT	APRVO	Green River
somment Federal #32-20-9-18Y	Monument Butte	NW SE				Duchesne	- lui	PND	Green River
Agnument Federal #33-5-9-17	hiorameni Bulte	NW SE			16E	Duchesne	UT	APRVO	Green River
Conument Federal #33-7-9-16Y		NE SE	31	· · • · · · · · · · · · · · · · · · · ·	16E	Duchesne	- UI -	IAPRVD	Green River
ionument Federal #33-31-8-16Y	Monument Butte				16E	Duchesne	- iŭi -	PNO	Green River
Monument Federal #34-6-9-15Y	Monument Butte	SWISE	34	1	16E		गुण	PND	Green River
Monument Federal #34-7-9-18Y	Monument Butte	SW SE	, .	1	185		- lui-	PND	Green River
Nonument Federal #34-31-8-18Y	Monument Butte	ISWSE	34				III	APRVD	Green River
Monument Federal #41-22-8-17	Monument Butle	NE NE			17E	_ <u> </u>		APRVD	Green River
Monument Federal #11-25-8-17	Monument Butte	INE NE	2	,		_ 100.000	u-	APRVD	Green River
Monument Federal 241-35-9-18Y	Monument Butte	ME NE	33	- ,	18E			APRVD	Green River
Monument Federal #42-22-8-17	Monument Butte	SE NE	2	- 3				APRVD	Green River
Monument Federal #42-25-8-17	Monument Buite	NE NE	2				113	APRVD	Green River
Monument Federal #43-22-5-17	Monument Butte	NE SE	; 2		:_:_	P		APRVD	Green River
Monument Federal #43-31-8-16Y	SAonument Bulte	NE SE	3				int	PND	Green River
Monument Federal #43-31-8-18Y	Monument Butte	NE SE	3		18E		UT		Green River
Monument Federal #43-25-8-17	Monument Butte	NE SE	2				- Ur	APRVD	Green River
Monument Federal #44-7-9-15Y	Monument Butte	SE SE		7 9S			· · ·	PND	
Monument Federal #44-31-8-18Y	Monument Butte	SESE	3				JT	PND	Geen Rives
Monument State #41-2-9-17CD	Monument Butte			2 9S			ហ	APRVD	Green River
Monument State #12-2-9-17CD	Monument Butte	SE NE		2 T 9S	176	Uintah	UT.	APRVO	Geen River



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Vernal District Office 170 South 500 East Vernal, Utah 84078-2799

Phone: (801) 781-4400 Fax: (801) 781-4410

in REPLY REFER TO: 3162.3 UT08438

November 10, 1997

Inland Production Company 475 17th Street, Suite 1500 Denver, CO 80202

43-013-31719 (Nine Mile bole)

Re: Well No. Mon. Fed. 22-6-9-16Y SENW, Sec. 6, T9S, R16E

Lease U-74390

Duchesne County, Utah

Dear Sir:

This correspondence is in regard to the self-certification statement submitted requesting a change in operator for the referenced well. After a review by this office, the change in operator request is approved. Effective immediately, Inland Production Company is responsible for all operations performed on the referenced well. All liability will now fall under your bond, BLM Bond No. UT0056, for all operations conducted on the referenced well on the leased land.

If you have any other questions concerning this matter, please contact Margie Herrmann or Pat Sutton of this office at (435) 781-4400.

Sincerely,

Howard B. Cleavinger II Assistant Field Manager, Minerals Resources

cc: Division of Oil, Gas & Mining

Equitable Resources Energy Company

ABO Petro Corp Myco Industries Inc Yates Drilling Co. Yates Petro Corp

Realty Division-U-74533

CRAZY MTN U&G



Crazy Mountain Oil & Gas Services P.O. Box 577 Laurel, MT 59044 (406) 628-4164 (406) 628-4165

St of Wan.

FROM.

Molly Conrad Crazy Mountain Oil & Gas Services

(406) 628-4164

Pages Attached - Including Cover Sheet 2.

Here is the letter you requested. Calling you need anything further.

(406) 259-7860 Telephone (406) 245-1361 Fax

December 10, 1997

Lisha
State of Utah
Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, UT 84114-5801

Dear Lisha:

RE: Equitable Sale of Utah Properties

Effective September 30, 1997, Equitable Resources Energy Company sold all of its Utah properties to Inland Production Company.

Please feel free to contact me if you require additional information.

Sincerely,

Molly Conrad

Agent for Equitable Resources

Energy Company

/mc

FQRM-8160-5 (June 1990)

to any matter within its jurisdiction.

UNIT STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT



FORM APPROVED

Budged Bureau No. 1004-0135

Expires March 31, 1993

, DOINE/10 OF E/111		Expired Materials, 1000
SUNDRY NOTICES AND RE	EPORTS ON WELLS	5. Lease Designation and Serial No. UTU-74390
Do not use this form for proposals to drill of Use "APPLICATION FOR PE	6. If Indian, Allottee or Tribe Name	
SUBMIT IN	TRIPLICATE	7. If unit or CA, Agreement Designation
1. Type of Well	PONEIDENTIAL	
X Oil Well Gas well Other	LUNCILLATION	8. Well Name and No.
2. Name of Operator		Nine Mile #6-6
Inland Production Company	· · · · · · · · · · · · · · · · · · ·	9. API Well No. 43-013-31719
3. Address and Telephone No. P.O. Box 790233 Vernal, UT 84079	Phone No. (801) 789-1866	10. Field and Pool, or Exploratory Area
4. Location of Well (Footage, Sec., T., R., M., or Survey Description)		Monument Butte
SE/NW 2011' FNL & 1869.		11. County or Parish, State
80 (p t	as RIVE	Duchesne, UT
12 CHECK APPROPRIATE BOX(s) TO	INDICATE NATURE OF NOTICE, REPOR	T, OR OTHER DATA
TYPE OF SUBMISSION	TYPE OF ACTION	DN
X Notice of Intent	Abandonment	Change of Plans
	Recompletion	New Construction
Subsequent Report	Plugging Back	Non-Routine Fracturing
	Casing repair	Water Shut-off
Final Abandonment Notice	Altering Casing	Conversion to Injection
	X Other Amended drilling program	Dispose Water (Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)
Inland Production Company requests to by Equitable Resources Energy Compa of operator, effective as of September 3 The Application For Permit To Drill the	above referenced location was approved on ram for Inland Production Company. Include	ne attached copy for the change November 15, 1996. Please
Signed Cheryl Gameron	Regulatory Compliance Special	list Date 10/20/97
(This space of Federal or State office use.)		
Approved by	Title	Date
Conditions of approval, if any:		
Title 18 U.S.C. Section 1001, makes it a crime for any person knowing	y to make to any department of the United States any false, fictitious or fr	audulent statements or representations as

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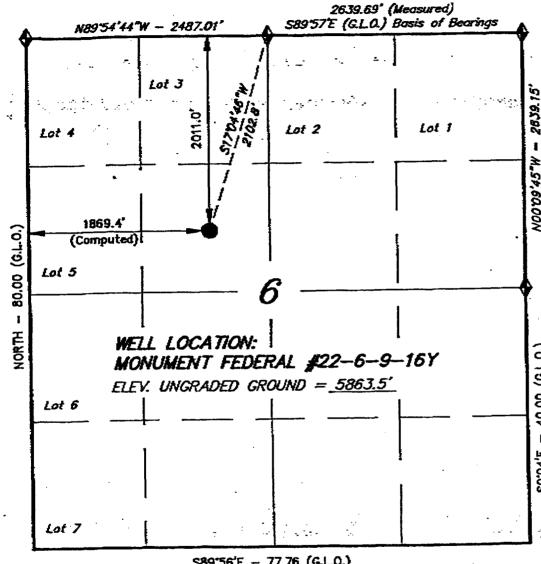
WELL LOCATION, MONUMENT FEDERAL #22-6-9-16Y, LOCATED AS SHOWN IN THE SE 1/4 NW 1/4 OF SECTION 6, T9S, R16E, S.L.B.&M. DUCHESNE COUNTY, UTAH.

THIS IS TO CERTIFY THE SAME AREPTREE AND

TRI STATE LAND SURVEYING & CONSULTING

38 WEST 100 NORTH - VERNAL, UTAH 84078 (801) 781-2501

SCALE: 1" = 1000"	SURVEYED BY: G.S. D.S. T
DATE: 9-6-96	WEATHER: WARM
NOTES:	FILE #



S89°56'E - 77.76 (G.L.O.)

= SECTION CORNERS LOCATED

BASIS OF ELEY; U.S.G.S. 7-1/2 min QUAD (MYTON SW)

INLAND PRODUCTION COMPANY NINE MILE #6-6 SE/NW SECTION 6, T9S, R16E DUCHESNE COUNTY, UTAH

TEN POINT WELL PROGRAM

1. GEOLOGIC SURFACE FORMATION:

Uinta formation of Upper Eocene Age

2. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:

Uinta	0' - 3050'
Green River	3050'
Wasatch	6500'

3. <u>ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS:</u>

Green River Formation 3050' - 6500' - Oil

4. PROPOSED CASING AND CEMENTING PROGRAM

8 5/8", J-55, 24# w/ ST&C collars; set at 300' (New) 5 1/2", J-55, 15.5# w/ LT&C collars; set at TD (New)

SIZE OF HOLE	SIZE OF CASING	WEIGHT/FOOT	SETTING DEPTH	QUANTITY OF CEMENT					
12 ¼"	8 5/8"	24#	300'	120 sx					
7 7/8"	5 ½"	15.5#	TD	400 sx followed by 330 sx					

The actual cement volumes will be calculated off of the open hole logs, plus 15% excess.

SURFACE PIPE - Premium Plus Cement, w/ 2% Gel, 2% CaCl2, 1/4#/sk Flocele

Weight: 14.8 PPG YIELD: 1.37 Cu Ft/sk H₂0 Req: 6.5 Gal/sk

LONG STRING: Lead: Hibond 65 Modified

Weight: 11.0 PPG YIELD: 3.00 Cu Ft/sk H₂0 Req: 18.08 Gal/sk

Tail: Premium Plus Thixotropic

Weight: 14.2 PPG YIELD: 1.59 Cu Ft/sk H₂0 Req: 7.88 Gal/sk

5. <u>MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:</u>

The operators minimum specifications for pressure control equipment are as follows:

A 8" Series 900 Annular Bag type BOP and a 8" Double Ram Hydraulic unit with a closing unit will be utilized. Function test of BOPS's will be checked daily.

(See Exhibit F)

6. TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:

The well will be drilled with fresh water through the Uinta Formation. From the top of the Green River Formation @ 3050' ±, to TD, a fresh water/polymer system will be utilized. If necessary to control formation fluids, the system will be weighted with the addition of bentonite gel, and if conditions warrant, barite. Clay inhibition will be achieved with additions of 5 lb. - 8 lb. per barrel of DAP (Di-Ammonium Phosphate, commonly known as fertilizer). This fresh water system will contain Total Dissolved Solids (TDS) of less than 3000 PPM. Neither potassium chloride or chromate's will be utilized in the fluid system. The anticipated mud weight is 8.4 ppg and weighted as necessary for gas control.

AIR DRILLING

In the event that the proposed Nine Mile #6-6 be "Air Drilled", Inland requests a variance to regulations requiring a straight run blooie line. Inland proposes that the flowline will contain two (2) 90 degree turns. Inland also requests a variance to regulations requiring an automatic ignitor or continuous pilot light on the blooie line. Inland requests authorization to ignite as needed, and the flowline at 80'.

Inland Production Company requests that the spark arrest, exhaust, or water cooled exhaust be waived under the Special Drilling Operations of Onshore Order #2.

MUD PROGRAM

MUD TYPE

Air

Surface - 320'

320' - 4200' Air/Mist & Foam

4200' - TD The well will be drilled with fresh water through the Green

River Formation @ 4200' ±, to TD, a fresh water/polymer system will be utilized. If necessary to control formation fluids, the system will be weighted with the addition of bentonite gel, and if conditions warrant, barite. Clay inhibition will be achieved with additions or by adding DAP (Di-Ammonium Phosphate, commonly known as fertilizer.) Typically, this fresh water/polymer system will contain Total Dissolved Solids (TDS) of less than 3000 PPM. Neither potassium chloride or chromates will be utilized in the fluid system. The anticipated mud weight is 8.4 ppg and weighted as necessary for gas control.

7. AUXILIARY SAFETY EQUIPMENT TO BE USED:

Auxiliary safety equipment will be a Kelly Cock, bit float, and a TIW valve with drill pipe threads.

8. <u>TESTING, LOGGING AND CORING PROGRAMS:</u>

No drill stem testing has been scheduled for this well. It is anticipated at this time that the logging will consist of a Dual Induction Laterolog, Gamma Ray/Caliber from TD to base of surface casing @ 300' ±, and a Compensated Neutron-Formation Density Log. Logs will run from TD to 3500' ±. The cement bond log will be run from PBTD to cement top. An automated mud logging system will be utilized while drilling to monitor and record penetration rate, and relative gas concentration, in the fluid system.

NINE MILE #6-6

9. ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:

The anticipated maximum bottom hole pressure is 2000 psi. It is not anticipated that abnormal temperatures will be encountered; nor that any other abnormal hazards such as H2S will be encountered in this area.

10. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:

It is anticipated that the drilling operations will commence the forth quarter of 1997, and take approximately six days to drill. Proposed depth @ 6500'.

INLAND PRODUCTION COMPANY NINE MILE #6-6 SE/NW SECTION 6, T9S, R16E DUCHESNE COUNTY, UTAH

THIRTEEN POINT WELL PROGRAM

1. EXISTING ROADS

See attached Topographic Map "A"

To reach Inland Production Company well location site Nine Mile #6-6 located in the SE 1/4 NW 1/4 Section 6, T9S, R16E, S.L.B. & M. Duchesne County, Utah:

Proceed westerly out of Myton, Utah along Highway 40 - 1.6 miles \pm to the junction of this highway and the Sand Wash Road; proceed southerly along this road -1.7 miles to the Wells Draw Road intersection; proceed southwesterly 6.9 miles to its intersection with an existing dirt road; proceed southwesterly 0.6 to the beginning of the access road, to be discussed in Item #2.

The highways mentioned in the foregoing paragraph are bituminous surfaced roads to the point where Highway 216 exists to the South, thereafter the roads are constructed with existing materials and gravel. The highways are maintained by Utah State road crews. All other roads are maintained by County Crews.

The aforementioned dirt oil field service roads and other roads in the vicinity are constructed out of existing native materials that are prevalent to the existing area they are located in and range from clays to a sandy-clay shale material.

The roads required for access during the drilling, completion and production phase will be maintained at the standards required by the BLM or other controlling agencies. This maintenance will consist of some minor grader work for smoothing road surfaces and for snow removal.

2. PLANNED ACCESS ROAD

Approximately 0.9 miles of access road is required. See Topographic Map "B".

The proposed access road will be upgraded with an 18' crown road (9' either side of the centerline) with drainage ditches along either side of the proposed road whether it is determined necessary in order to handle any Run-off from normal meteorological conditions that are prevalent to this area. The maximum grade will be less than 8%.

There will be no culverts required along this access road. There will be barrow ditches and turnouts as needed along this road.

NINE MILE #6-6

There are no fences encountered along this proposed road. There will be no new gates or cattle guards required.

All construction material for this access road will be borrowed material accumulated during construction of the access road.

3. LOCATION OF EXISTING WELLS

Refer to Exhibit "D".

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

There are no existing facilities that will be used by this well.

It is anticipated that this well will be a producing oil well.

Upon construction of a tank battery the well pad will be surrounded by a dike of sufficient capacity to contain at minimum the entire contests of the largest tank within the facility battery.

Tank batteries will be built to BLM specifications.

All permanent (on site for six (6) months or longer) structures, constructed or installed (including pumping units), will be painted Desert Tan. All facilities will be painted within six months of installation.

5. LOCATION AND TYPE OF WATER SUPPLY

Inland Production Company has purchased a 3" water connection with Johnson Water District to supply the Monument Butte, Travis, and Gilsonite oil fields. Johnson Water District has given permission to Inland Production Company to use water from this system, for the purpose of drilling and completing the Nine Mile #6-6, or trucked from Inland Production Company's water supply line located at the Gilsonite State #7-32 (SW/NE Sec. 32, T8S, R17E), or the Monument Butte Federal #5-35 (SW/NW Sec. 35, T8S, R16E), or the Travis Federal #15-28 (SW/SE Sec. 28, T8S,R16E). See Exhibit "C".

There will be no water well drilled at this site.

6. SOURCE OF CONSTRUCTION MATERIALS

See Location Layout Sheet - Exhibit "E".

All construction material for this location shall be borrowed material accumulated during construction of the location site and access road.

A mineral material application is not required for this location.

7. METHODS FOR HANDLING WASTE DISPOSAL

See Location Layout Sheet - Exhibit "E".

A small reserve pit (80 X 40 X 8' deep, or less) will be constructed from native soil and clay materials. A water processing unit will be employed to continuously recycle the drilling fluid as it is used, returning the fluid component to the drilling rig's steel tanks. The reserve pit will primarily receive the processed drill cuttings (wet sand, shale & rock) removed from the well bore. Any drilling fluids which do accumulate in the pit as a result of sale-shaker carryover, cleaning of the sand trap, etc., will be promptly reclaimed by the water recycling unit and then returned to the steel rig tanks. All drilling fluids will be fresh water based containing DAP (Di-Ammonium Phosphate, commonly known as fertilizer), typically containing Total Dissolved Solids of less than 3000 PPM. No potassium chloride, chromates, trash, debris, nor any other substance deemed hazardous will be placed in this pit. Therefore, it is proposed that no synthetic liner be utilized in the reserve pit.

All completion fluids, frac gels, etc., will be contained in steel tanks and hauled away to approved commercial disposal, as necessary.

A portable toilet will be provided for human waste.

A trash basket will be provided for garbage (trash) and hauled away to an approved disposal site at the completion of the drilling activities.

Immediately upon first production, all produced water will be confined in storage tanks. Inland requests temporary approval to transfer the produced water to Inland's nearby waterflood, for re-injection into the waterflood reservoirs via existing approved injection wells. Within 90 days of first production, a water analysis will be submitted to the Authorized Officer, along with an application for approval of this, as a permanent disposal method.

8. ANCILLARY FACILITIES

There are no ancillary facilities planned for at the present time and none foreseen in the near future.

9. WELL SITE LAYOUT

See attached Location Layout Sheet - Exhibit "E".

The reserve pit will be located on the east between stakes 4 & 5.

The stockpiled topsoil (first six (6) inches) will be stored on north side, between stakes 2 & 4 and on the southwest between stakes 7 & 8.

Access to the well pad will be from the south corner near stake #6.

Corner #6 will be rounded to avoid excess cut.

Fencing Requirements

All pits will be fenced according to the following minimum standards:

- a) A 39 inch net wire shall be used with at least one strand of barbed wire on top of the net.
- b) The net wire shall be no more than two (2) inches above the ground. The barbed wire shall be three (3) inches above the net wire. Total height of the fence shall be at least forty-two (42) inches.
- c) Corner posts shall be cemented and/or braced in such a manner to keep tight at all times.
- d) Standard steel, wood or pipe posts shall be used between the corner braces. Maximum distance between any two posts shall be no greater than sixteen (16) feet.
- e) All wire shall be stretched, by using a stretching device, before it is attached to the corner posts.

The reserve pit fencing will be on three (3) sides during drilling operations and on the fourth side when the rig moves off location. Pits will be fenced and maintained until cleanup.

10. PLANS FOR RESTORATION OF SURFACE

a) Producing Location

Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, equipment, debris, material, trash and junk not required for production.

The reserve pit and that portion of the location not needed for production facilities/ operations will be re contoured to the approximated natural contours. The reserve pit will be reclaimed within one hundred twenty (120) days from the date of well completion. Before any dirt work takes place, the reserve pit must have all fluids and hydrocarbons removed.

When the drilling and completion phase ends, reclamation of unused disturbed areas on the well pad/access road no longer needed for operations, such as cut slopes, and fill areas will be accomplished by grading, leveling and seeding as recommended by the Authorized Officer. The seed mixture will be per B.L.M. and stated in the conditions of approval.

b) Dry Hole Abandoned Location

At such time as the well is plugged and abandoned, the operator shall submit a subsequent report of abandonment and the B.L.M. will attach the appropriate surface rehabilitation conditions of approval.



11. SURFACE OWNERSHIP - Bureau Of Land Management

12. OTHER ADDITIONAL INFORMATION

- a) Inland Production Company is responsible for informing all persons in the area who are associated with this project that they will be subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, Inland is to immediately stop work that might further disturb such materials, and contact the Authorized Officer.
- b) Inland Production will control noxious weeds along rights-of-way for roads, pipelines, well sites, or other applicable facilities. On B.L.M. administered land it is required that a Pesticide Use Proposal shall be submitted, and given approval, prior to the application of herbicides or other possible hazardous chemicals.
- c) Drilling rigs and/or equipment used during drilling operations on this well site will not be stacked or stored on Federal Lands after the conclusion of drilling operations or at any other time without B.L.M. authorization. However, if B.L.M. authorization is obtained, it is only a temporary measure to allow time to make arrangements for permanent storage on commercial facilities.

The Archaeological Cultural Resource Survey Report has been submitted by Equitable Resource Energy Company and is on file with the Bureau of Land Management.

Additional Surface Stipulations

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws and regulations. Onshore Oil and Gas Orders, the approved plan of operations, and any applicable Notice to Lessees. Inland Production is fully responsible for the actions of its subcontractors. A copy of these conditions will be furnished to the field representative to ensure compliance.

Hazardous Material Declaration

Inland Production Company guarantees that during the drilling and completion of Nine Mile #6-6 we will not use, produce, store, transport or dispose 10,000# annually of any of the hazardous chemicals contained in the Environmental Protection Agency's consolidated list of chemicals subject to reporting under Title III Superfund Amendments and Reauthorization Act (SARA) of 1986. Inland also guarantees that during the drilling and completion of the Nine Mile #6-6, we will use, produce, store, transport or dispose less than the threshold planning quantity (T.P.Q.) of any extremely hazardous substances as defined in 40 CFR 355.

A complete copy of the approved APD, if applicable, shall be on location during the construction of the location and drilling activities.

Inland Production Company or a contractor employed by Inland Production shall contact the B.L.M. office at (801) 789-1362, 48 hours prior to construction activities.

The B.L.M. office shall be notified upon site completion prior to moving on the drilling rig.



13. LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION

Representative

Name:

Cheryl Cameron

Address:

P.O. Box 790233 Vernal, Utah 84079

Telephone:

(801) 789-1866

Certification

Please be advised that INLAND PRODUCTION COMPANY is considered to be the operator of Well #6-6 SE/NW Section 6, Township 9S, Range 16E: Lease #UTU-74390 Duchesne County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by Hartford Accident #4488944.

I hereby certify that I, or persons under my direct supervision have inspected the proposed drillsite and access route; that I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Inland Production Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

10/30/97

Cheryl Cameron

Regulatory Compliance Specialist

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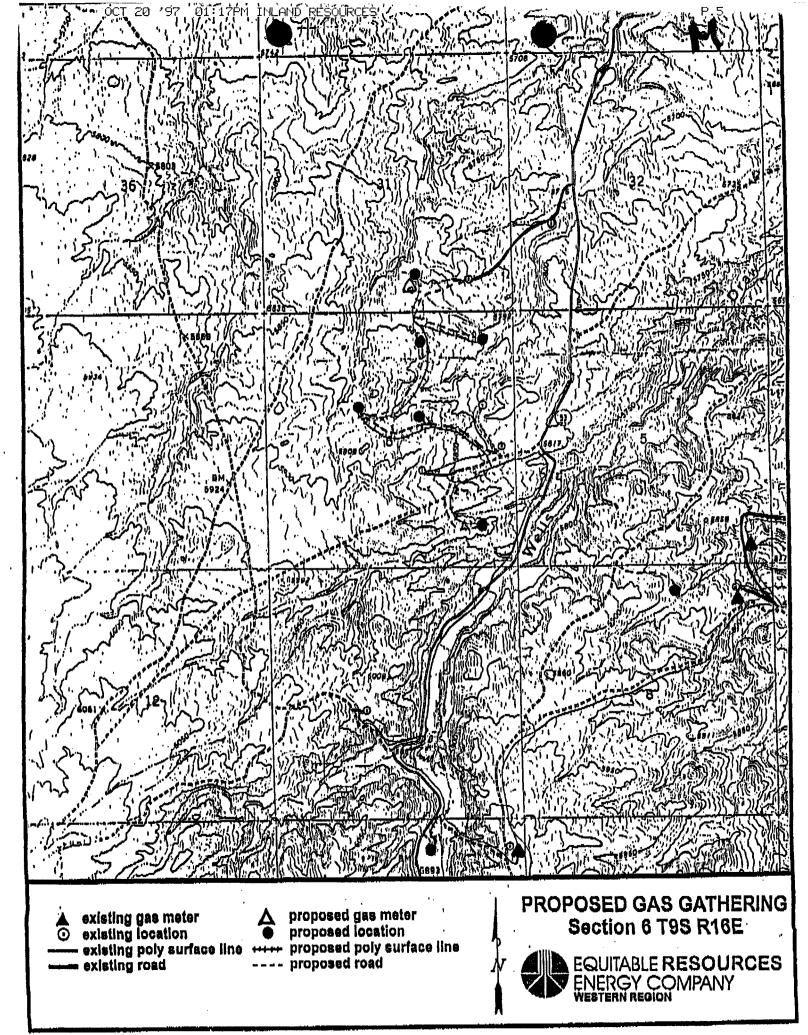
EXHIBIT M

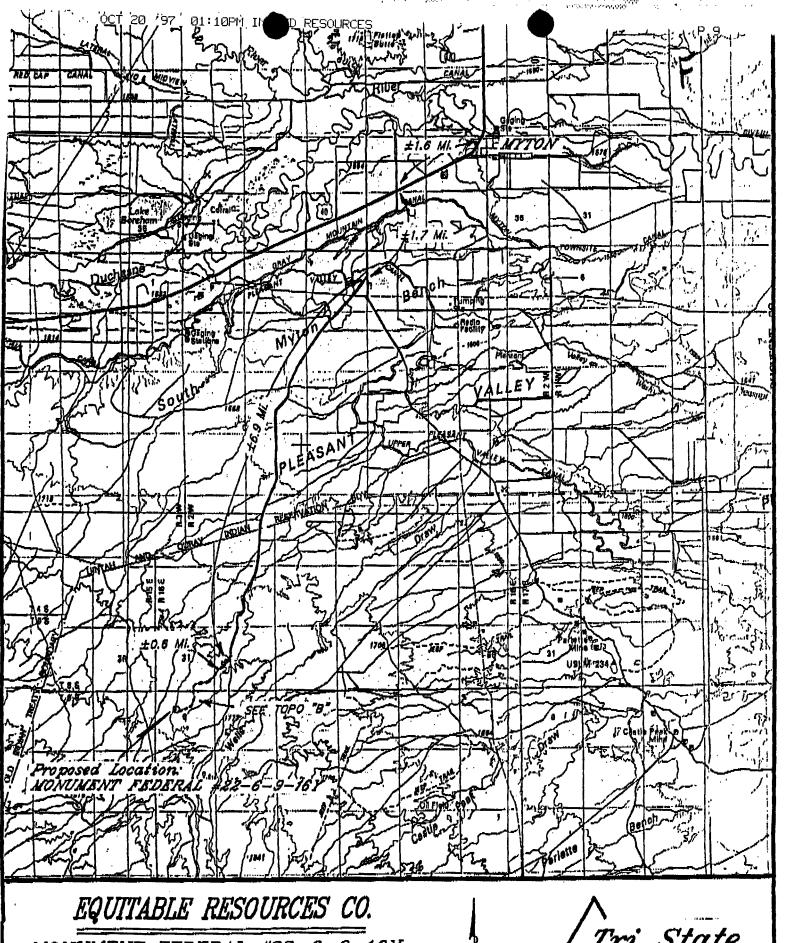
APPLICATION FOR PIPELINE RIGHT-OF-WAY

Please consider this Application for Permit to Drill also as an application for the pipeline (gas gathering system) Right-of-way for this prospective well. See Map EXHIBIT "M" for the pipeline route. This will be a 2" surface line.

Please advise of the costs associated with this Right-of-Way and a check will be forthcoming.

Route will follow existing roads where possible. Operator requests a 30' width for the Right-of-Way with an additional 30' width for working surface as necessary.

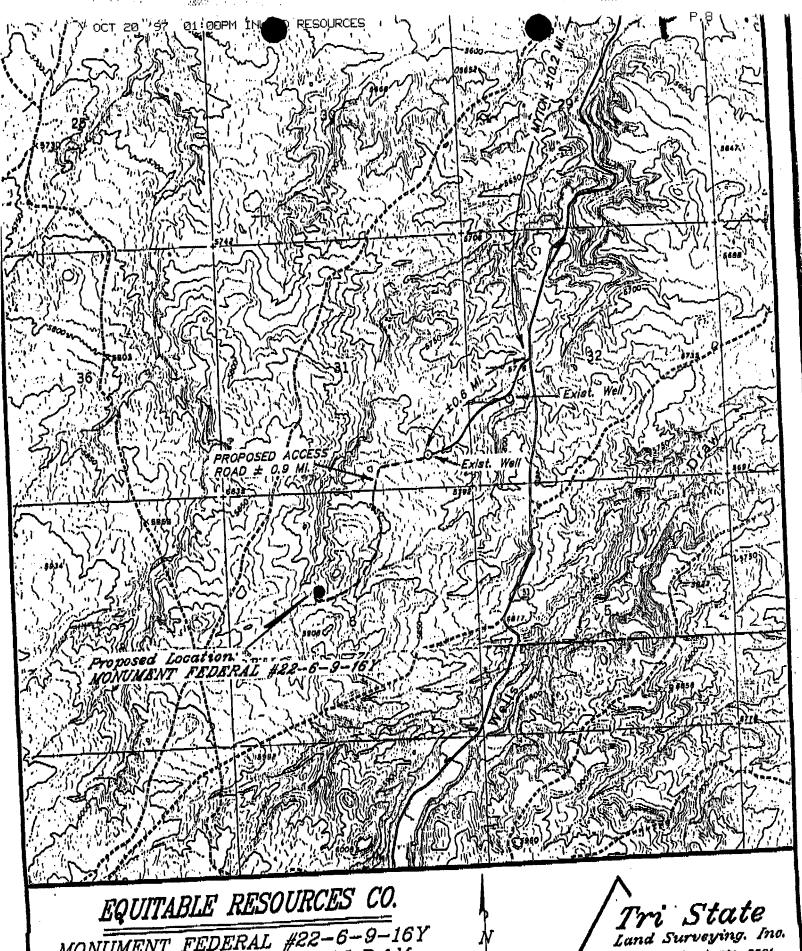




MONUMENT FEDERAL #22-6-9-16Y SECTION 6, T9S, R16E, S.L.B.&M. TOPO "A" Iri State
Land Surveying. Inc.

(801) 781-2501

38 WEST 100 NORTH VERNAL, UTAH 84078

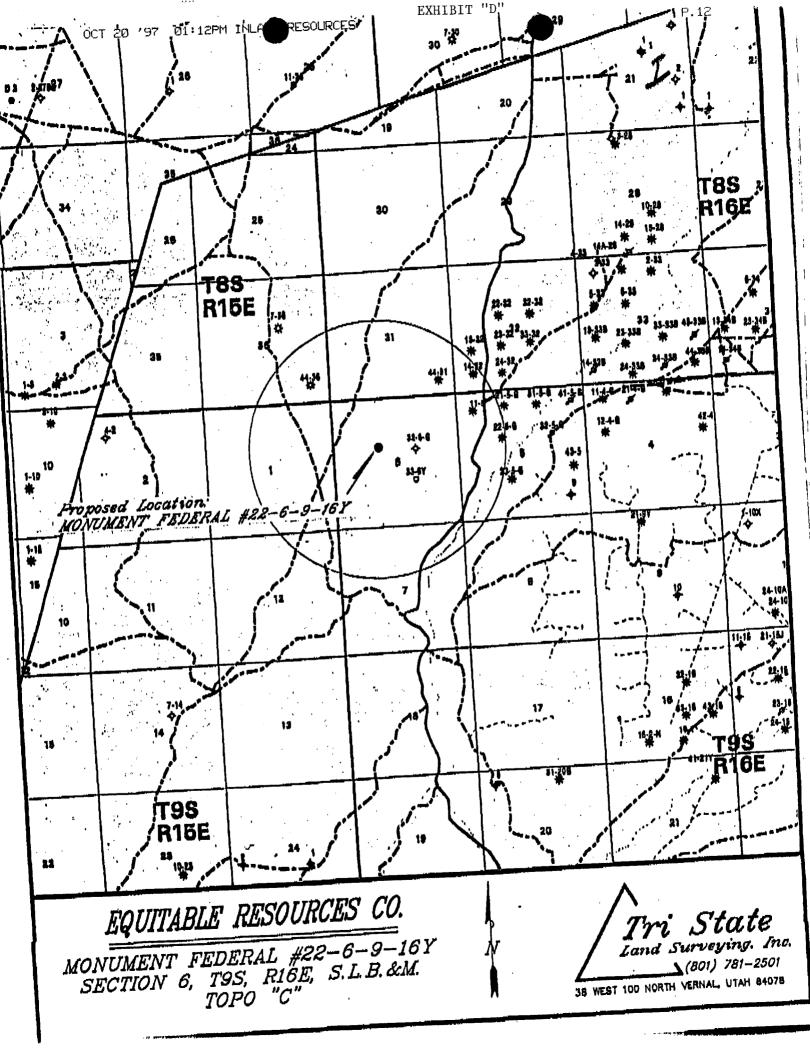


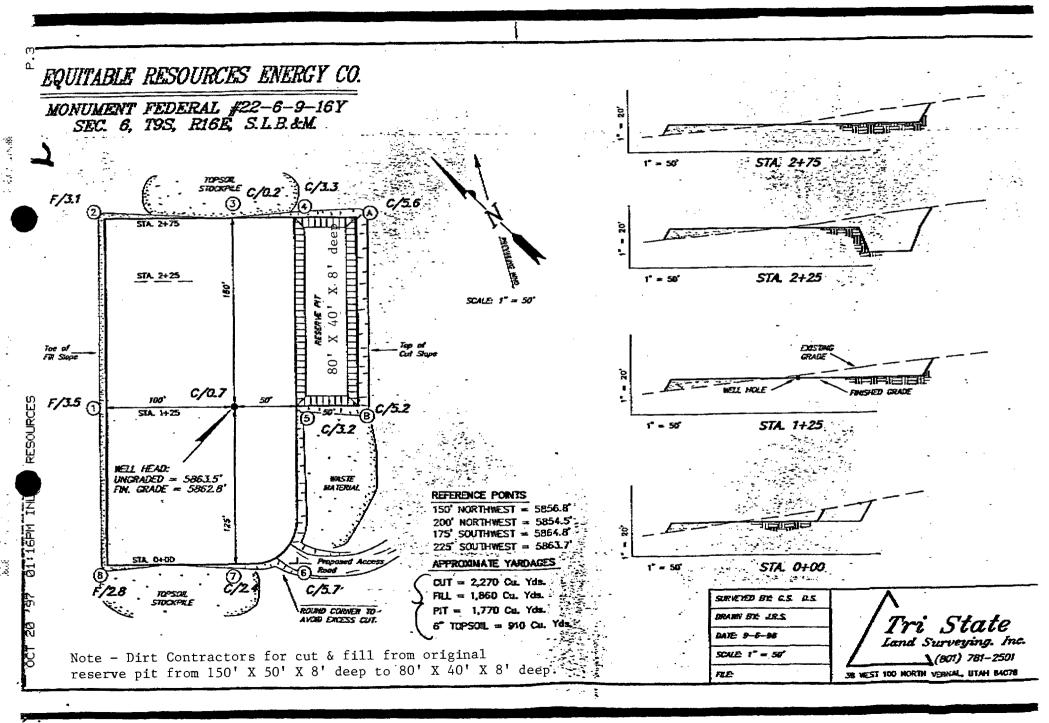
MONUMENT FEDERAL #22-6-9-16Y SECTION 6, T9S, R16E, S.L.B.&M. TOPO "B"

SCALE: 1" = 2000'

∆(801) 781-2501 38 WEST 100 NORTH VERNAL, UTAH 84078

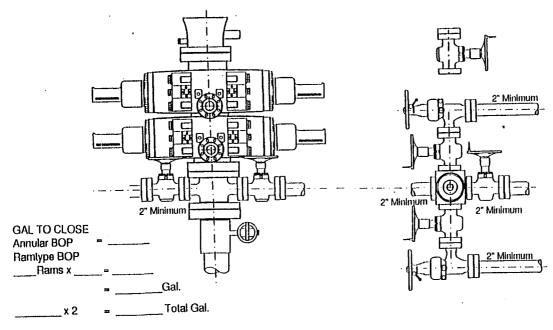
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NAMA TYPE B.O.P. Make: Size: Model:

2-M SYSTEM



Rounding off to the next higher increment of 10 gal, would require
 Gal, (total fluid & nitro volume)

OCT 20 '97 01:21PM INLHAU RESOUR

COA's Page 1 of 9 Well: Monument Fed. 22-6-9-16Y

CONDITIONS OF APPROVAL APPLICATION FOR PERMIT TO DRILL

Company/Operator: Equitable Resources Energy Company

Well Name & Number: Monument Federal 22-6-9-16Y

API Number: 43-013-31719

Lease Number: <u>U-74390</u>

Location: SENW Sec. 6 T. 95 R. 16E

NOTIFICATION REQUIREMENTS

at least forty-eight (48) hours prior to construction of location and Location Construction access roads.

prior to moving on the drilling rig. Location Completion

at least twenty-four (24) hours prior to spudding the well.

Spud Notice at least twenty-four (24) hours prior to running easing and Casing String and cementing all casing strings.

Cementing at least twenty-four (24) hours prior to initiating pressure tests.

BOP and Related

Equipment Tests within five (5) business days after new well begins, or production resumes after well has been off production for more than ninety (90) First Production Notice days.

For more specific details on notification requirements, please check the Conditions of Approval for Notice to Drill and Surface Use Program.

COA's Page 2 of 9 Well: Monument Fed. 22-6-9-16Y

CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil and Gas Orders, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

Be aware fire restrictions may be in effect when location is being constructed and/or when well is being drilled. Contact the appropriate Surface Management Agency for information.

DRILLING PROGRAM A.

Estimated Depth at Which Oil, Gas, Water, or Other Mineral Bearing Zones are Expected to 1. be Encountered

Report ALL water shows and water-bearing sands to Tim Ingwell of this office prior to running the next casing string or requesting plugging orders. Copies of State of Utah form OGC-8-X are acceptable. If noticeable water flows are detected, submit samples to this office along with any water analyses conducted.

All usable water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling, will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

Pressure Control Equipment 2.

The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc., for a 2M system and individual components shall be operable as designed. Chart recorders shall be used for all pressure tests.

Test charts, with individual test results identified, shall be maintained on location while drilling and shall be made available to a BLM representative upon request.

If an air compressor is on location and is being utilized to provide air for the drilling medium while drilling, the special drilling requirements in Onshore Oil and Gas Order No. 2, regarding air or gas drilling shall be adhered to. If a mist system is being utilized then the requirement for a deduster shall be waived.

COA's Page 3 of 9_ Well: Monument Fed. 22-6-9-16Y

Casing Program and Auxiliary Equipment 3.

Surface casing shall have centralizers on the bottom three joints, with a minimum of one centralizer per joint.

If conductor pipe is set it will be cemented to surface. If drive pipe is used it will be pulled prior to cementing surface casing.

As a minimum, the usable water and oil shale resources shall be isolated and/or protected by having a cement top for the production casing at least 200 ft. above the base of the Usable Water Zone identified at ± 628 ft.. If gilsonite is encountered while drilling, it shall be isolated and/or protected via the cementing program.

As a minimum, the usable water and oil shale resources shall be isolated and/or protected by the cementing program. If gilsonite is encountered while drilling, it shall be isolated and/or protected via the cementing program.

Mud Program and Circulating Medium 4.

Hazardous substances specifically listed by the EPA as a hazardous waste or demonstrating a characteristic of a hazardous waste will not be used in drilling, testing, or completion operations.

No chromate additives will be used in the mud system on Federal and Indian lands without prior BLM approval to ensure adequate protection of fresh water aquifers.

Coring, Logging and Testing Program 5.

Daily drilling and completion progress reports shall be submitted to this office on a weekly basis.

All Drill Stem tests (DST) shall be accomplished during daylight hours, unless specific approval to start during other hours is obtained from the AO. However, DSTs may be allowed to continue at night if the test was initiated during daylight hours and the rate of flow is stabilized and if adequate lighting is available (i.e., lighting which is adequate for visibility and vaporproof for safe operations). Packers can be released, but tripping should not begin before daylight unless prior approval is obtained from the AO.

A cement bond log (CBL) will be run from the production casing shoe to ± 428 ft. and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.

COA's Page 4 of 9 Well: Monument Fed. 22-6-9-16Y

Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3164. Two copies of all logs, core descriptions, core analyses, well-test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with Form 3160-4. Samples (cuttings, fluids, and/or gases) will be submitted when requested by the AO.

Notifications of Operations 6.

No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of the AO. If operations are to be suspended, prior approval of the AO will be obtained and notification given before resumption of operations.

The Vernal District Office shall be notified, during regular work hours (7:45 a.m.-4:30 p.m., Monday through Friday except holidays), at least 24 hours prior to spudding the well.

Operator shall report production data to MMS pursuant to 30 CFR 216.5 using form

Immediate Report: Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences MMS/3160. shall be promptly reported in accordance with the requirements of NTL-3A or its revision.

If a replacement rig is contemplated for completion operations, a "Sundry Notice" (Form 3160-5) to that effect will be filed, for prior approval of the AO, and all conditions of this approved plan are applicable during all operations conducted with the replacement rig.

The date on which production is commenced or resumed will be construed for oil wells as the date on which liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which liquid hydrocarbons are first produced into a permanent storage facility, whichever first occurs; and, for gas wells as the date on which associated liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which gas is first measured through permanent metering facilities, whichever first occurs.

Should the well be successfully completed for production, the AO will be notified when the well is placed in a producing status. Such notification will be sent by telegram or other written communication, not later than five (5) days following the date on which the well is placed on production.

COA's Page 5 of 9 Well: Monument Fed. 22-6-9-16Y

Oas produced from this well may not be vented or flared beyond an initial authorized test period of 30 days or 50 MMCF following its completion, whichever occurs first, without the prior written approval of the Authorized Officer. Should gas be vented or flared without approval beyond the authorized test period, the operator may be directed to shut-in the well until the gas can be captured or approval to continue venting or flaring as uneconomic is granted and the operator shall be required to compensate the lessor for that portion of the gas vented or flared without approval which is determined to have been avoidably lost.

A schematic facilities diagram as required by 43 CFR 3162.7-5 (b.9. d.), and shall be submitted to the appropriate District Office within sixty (60) days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Oas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with 43 CFR 3162.7-5 (b. 4).

No well abandonment operations will be commenced without the prior approval of the AO. In the case of newly drilled dry holes or failures, and in emergency situations, oral approval will be obtained from the AO. A "Subsequent Report of Abandonment" Form 3160-5, will be filed with the AO within thirty (30) days following completion of the well for abandonment. This report will indicate where plugs were placed and the current status of surface restoration. Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the AO or his representative, or the appropriate Surface Managing Agency.

Other Information 7.

All loading lines will be placed inside the berm surrounding the tank battery.

All off-lease storage, off-lease measurement, or commingling on-lease or off-lease will have prior written approval from the AO.

The oil and gas measurement facilities will be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries. Tests for meter accuracy will be conducted following initial installation and at least quarterly thereafter. The AO will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports will be submitted to the Vernal District Office. All meter measurement facilities will conform with Onshore Oil & Gas Order No. 4 for liquid hydrocarbons and Onshore Oil & Gas Order No. 5 for natural gas measurement.

The use of materials under BLM jurisdiction will conform to 43 CFR 3610.2-3.

There will be no deviation from the proposed drilling and/or workover program without prior approval from the AO. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned will be identified in accordance with 43 CFR 3162.

"Sundry Notice and Report on Wells" (Form 3160-5) will be filed for approval for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.

COA's Page 6 of 9 Well: Monument Fed. 22-6-9-16Y

Section 102(b)(3) of the Federal Oil and Gas Royalty Management Act of 1982, as implemented by the applicable provisions of the operating regulations at Title 43 CFR 3162.4-1(c), requires that "not later than the 5th business day after any well begins production on which royalty is due anywhere on a lease site or allocated to a lease site, or resumes production in the case of a well which has been off production for more than 90 days, the operator shall notify the authorized officer by letter or sundry notice, Form 3160-5, or orally to be followed by a letter or sundry notice, of the date on which such production has begun or resumed."

If you fail to comply with this requirement in the manner and time allowed, you shall be liable for a civil penalty of up to \$10,000 per violation for each day such violation continues, not to exceed a maximum of 20 days. See Section 109(c)(3) of the Federal Oil and Gas Royalty Management Act of 1982 and the implementing regulations at Title 43 CFR 3162,4-1(b)(5)(ii).

APD approval is valid for a period of one (1) year from the signature date. An extension period may be granted, if requested, prior to the expiration of the original approval period.

In the event after-hours approval or notification is necessary, please contact one of the following individuals:

Wayne P. Bankert Petroleum Engineer	(801) 789-4170
Ed Forsman Petroleum Engineer	(801) 789-7077
Jerry Kenczka Petroleum Engineer	(801) 789-1190
BLM FAX Machine	(801) 781-4410

COA's Page 7 of 9 Well: Monument Fed. 22-6-9-16Y

EPA'S LIST OF NONEXEMPT EXPLORATION AND PRODUCTION WASTES

While the following wastes are nonexempt, they are not necessarily hazardous.

- Unused fracturing fluids or acids
- Gas plant cooling tower cleaning wastes
- Painting wastes
- Oil and gas service company wastes, such as empty drums, drum rinsate, vacuum truck rinsate, sandblast media, painting wastes, spend solvents, spilled chemicals, and waste acids
- Vacuum truck and drum rinsate from trucks and drums, transporting or containing nonexempt waste
- Refinery wastes
- Liquid and solid wastes generated by crude oil and tank bottom reclaimers
- Used equipment lubrication oils
- Waste compressor oil, filters, and blowdown
- Used hydraulic fluids
- Waste solvents
- Waste in transportation pipeline-related pits
- Caustic or acid cleaners
- Boiler cleaning wastes
- Boiler refractory bricks
- Incinerator ash
- Laboratory wastes
- Sanitary wastes
- Pesticide wastes
- Radioactive tracer wastes
- Drums, insulation and miscellaneous solids

COA's Page 8 of 9 Well: Monument Fed. 22-6-9-16Y

SURFACE USE PROGRAM

METHODS FOR HANDLING WASTE MATERIALS AND DISPOSAL

The reserve pit shall be lined with a synthetic liner that is a minimum of 12 mil thickness with sufficient bedding to cover any rocks. The liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. No trash, scrap pipe, etc., that could puncture the liner will be disposed of in the pit.

Plans For Reclamation Of Location

When reclaiming the reserve pit, the pit liner will be torn and perforated before backfilling the reserve pit and the torn liner will be buried a minimum of four (4) feet deep. If this is a producing well and after the reclamation of the reserve pit, and unused disturbed areas, contact the authorized office to obtain a seed mixture to revegetate these specific areas.

At time of final abandonment the intent of reclamation will be to return the disturbed area to near natural conditions. Recontour the surface of the disturbed area to blend all cuts, fills, road berms, and borrow ditches to be natural in appearance with the surrounding terrain. After recontouring of the area any stockpiled topsoil will be spread over the surface, and the area reseeded and revegetated to the satisfaction of the authorized officer of the BLM. Contact the authorized officer of the BLM at the time of reclamation for the required seed mixture.

Other Information

The operator or their contractor shall contact the BLM office at (801)789-1362, 48 hours prior to construction activities.

No surface disturbing activities, construction, or drilling operations including the initial completion activities are to occur on the well, access road or location from March 1 through June 30. This restriction is to protect the nesting of sage grouse that may be utilizing the area habitat.

MOUNTAIN PLOVERS & BURROWING OWLS

No surface disturbing activities, construction, or drilling operations including the initial completion activities are to occur on the well, access road, or location from March 15 through August 15. This restriction is to protect the nesting Mountain Plovers and Burrowing Owls located in the surrounding area. The restriction does not apply to maintenance and operation of existing wells and facilities. Waivers, exceptions, or modifications to this restriction may be specifically approved in writing by the authorized officer of the Bureau of Land Management if either the resource values change or the lessee/operator demonstrates that adverse impacts can be mitigated.

An example of an exception: could be to contact the authorized officer of the BLM to coordinate additional surveys for mountain plover & burrowing owl. The notification will be required a minimum of 14 days prior to surface disturbance to allow time to conduct a wildlife survey. If an active nest or chicks are found, the proposed activity will be delayed until the chicks are out OCT 20 '97 01:31PM INLAND RESOURCES

COA's Page 9 of 9 Well: Monument Fed. 22-6-9-16Y

of downy plumage or the brood vacates the area.

If this is a producing well, to protect potential nesting raptor species in the area the operator shall install a high quality muffler to limit the noise impacts in the area.

DIVISION OF OIL, GAS AND MINING



Name of Company: INLAND PRODUCTION CO
Well Name: NINE MILE 6-6
Api No. 43-013-31719
Section: 6 Township: 9S Range: 16E County: DUCHESNE
Drilling Contractor: FOUR CORNERS
Rig # <u>6</u>
SPUDDED:
Date: 11/6/97
Time:
How: ROTARY
Drilling will commence:
Reported by: MIKE WARD
Telephone NO.: 1-801-722-5103
Date: 11/10/97 Signed: JLT

NITED STATES BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

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FORM APPROVED

Budget Bureau No. 1004-0135 Expires: March 31, 1993

5. Lease Designation and Serial No.

UTU-74390

		. 010 / 1000
Do not use this form for proposals to drill or to de Use "APPLICATION F	6. If Indian, Allottee or Tribe Name NA	
SUBMIT IN	I TRIPLICATE	7. If Unit or CA, Agreement Designation NA
X Oil Gas Well Other	ONCORNATIAL	8. Well Name and No. NINE MILE 6-6 9. API Well No.
2. Name of Operator INLAND PRODUCTION COMPANY 3. Address and Telephone No.		43-013-31719 10. Field and Pool, or Exploratory Area MONUMENT BUTTE
475 17TH STREET, SUITE 1500, DENVE	R, COLORADO 80202 (303) 292-0900	11. County or Parish, State
4. Location of Well (Footage, Sec., T., R., m., or Survey Description) 2011 FNL 1869 FWL SE/NW Section	n 6, T09S R16E	DUCHESNE COUNTY, UTAH
12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPO	RT. OR OTHER DATA
TYPE OF SUBMISSION	TYPE OF	
Notice of Intent X Subsequent Report Final Abandonment Notice	Abandonment Recompletion Plugging Back Casing Repair Altering Casing X Other Weekly Status	Change of Plans New Construction Non-Routine Fracturing Water Shut-Off Conversion to Injection Dispose Water (Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)
13. Describe Proposed or Completed Operations (Clearly state all pertinent deta ally drilled, give subsurface locations and measured and true vertical dept weekly STATUS REPORT FOR	hs for all markers and zones pertinent to this work.)*	sed work. If well is direction-
Drilled 7-7/8" hole w/Four Corners #	6 from 335' - 5931'.	
C&C. LD DP & DC's. RU HLS. Ru	n DIGL/SP/GR/CAL (5920' – 323') &	z DSN/SDL/GR (5894' – 3000').

RD HLS. Loggers TD @ 5922'. RU Lightning Casers. Run 5-1/2" GS, 1 jt 5-1/2" csg (43.00'), 5-1/2" FC, 137 jts 5-1/2" 15.5# J-55 LT&C csg (5909.27'). Csg set @ 5920.77'. RD casers. RU Halliburton. C&C. Pump 20 bbl dye wtr & 20 bbl gel. Cmt w/390 sx Hibond 65 Mod (11.0 ppg, 3.0 cf/sk yield) & tailed w/350 sx Thixotropic, 10% CalSeal (14.2 ppg, 1.59 cf/sk yield). Good returns until POB w/2200 psi @ 11:45 pm, 11/12/97. Est 3 bbl cmt to sfc. RD. ND, wash BOP's, set slips w/80,000#, dump & clean tanks Release rig @ 3:45 am, 11/13/97. RDMOL.

		11 NOV 17 1997 11
14. I hereby certify that the foregoing is true and correct Signed	Title	Engineering Technician OF OIL, GAS & MINING
(This space for Federal or State office use)	,	
Approved by	Title	Date
Conditions of approval, if any: CC: UTAH DOGM		

FORM 3160-5 (June 1990)

UNITED STATES IENT OF THE INTERIOR

4	

FORM APPROVED

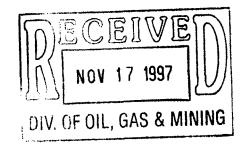
Budget Bureau No. 1004-0135 Expires: March 31, 1993

SUNDRY NOTICES AN	D REPORTS ON WELLS	UTU-74390
Do not use this form for proposals to drill or to de Use "APPLICATION F	epen or reentry a different reservoir. OR PERMIT -" for such proposals	6. If Indian, Allottee or Tribe Name NA
SUBMIT IN	I TRIPLICATE	7. If Unit or CA, Agreement Designation NA
X Oil Gas Well Other		8. Well Name and No. NINE MILE 6-6 9. API Well No.
2. Name of Operator INLAND PRODUCTION COMPANY 3. Address and Telephone No.		43-013-31719 10. Field and Pool, or Exploratory Area MONUMENT BUTTE
475 17TH STREET, SUITE 1500, DENVE 4. Location of Well (Footage, Sec., T., R., m., or Survey Description) 2011 FNL 1869 FWL SE/NW Section	R, COLORADO 80202 (303) 292-0900 n 6, T09S R16E	DUCHESNE COUNTY, UTAH
2. CHECK APPROPRIATE BOX(s TYPE OF SUBMISSION) TO INDICATE NATURE OF NOTICE, REPOI	
Notice of Intent X Subsequent Report Final Abandonment Notice	Abandonment Recompletion Plugging Back Casing Repair Altering Casing X Other Surface Spud	Change of Plans New Construction Non-Routine Fracturing Water Shut-Off Conversion to Injection Dispose Water (Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)
3. Describe Proposed or Completed Operations (Clearly state all pertinent deta	ils, and give pertinent dates, including estimated date of starting any propos	ed work. If well is direction-

ally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

MIRU Four Corners #6. ND Hydril and set stack aside. RU cellar jet. Drl 12-1/4" hole to 186' KB. SPUD WELL @ 9:30 PM, 11/6/97. Drl (159'-196'). RS. TFB #2. Drl (196' - 335'). Pump sweep. C&C. TOH. WO casing elevators (1). RU Lightning Casers. Run 8 jts 8-5/8" 24# J-55 ST&C csg (311.79'). Csg set @ 324.70'. RU Halliburton. Pmp 10 bbl dye wtr & 20 bbl gel. Cmt w/160 sx Premium Plus w/2% CC, ½#/sk flocele (15.6 ppg, 1.18 cf/sk yield). 1 bbl good cmt returns. WOC.

CONFIDENTIAL



14. I hereby certify that the forgoing is true and correct Signed	Title	Engineering Technician	Date	11/13/97
(This space for Federal or State office use) Approved by	Title		Date	
Conditions of approval, if any: CC: UTAH DOGM				

FORM 3160-5 (June 1990)

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UNITED STATES	
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Budget Bureau No. 1004-0135

Lease	Desi	gna	ation	and	Serial	
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SUNDRY NOTICES AND	REPORTS ON WELLS	UTU-74390
Do not use this form for proposals to drill or to dee Use "APPLICATION Fo	epen or reentry a different reservoir. OR PERMIT -" for such proposals	6. If Indian, Allottee or Tribe Name NA
SUBMIT IN 1. Type of Well	TRIPLICATE	7. If Unit or CA, Agreement Designation NA
X Oil Gas Well Other	CONFIDENTIAL	8. Well Name and No. NINE MILE 6-6 9. API Well No.
2. Name of Operator		43-013-31719
INLAND PRODUCTION COMPANY 3. Address and Telephone No.		10. Field and Pool, or Exploratory Area MONUMENT BUTTE
475 17TH STREET, SUITE 1500, DENVE	R, COLORADO 80202 (303) 292-0900	11. County or Parish, State
4. Location of Well (Footage, Sec., T., R., m., or Survey Description) 2011 FNL 1869 FWL SE/NW Section	n 6, T09S R16E	DUCHESNE COUNTY, UTAH
12. CHECK APPROPRIATE BOX(s)	TO INDICATE NATURE OF NOTICE, REPOR	RT, OR OTHER DATA
TYPE OF SUBMISSION	TYPE OF A	ACTION
Notice of Intent X Subsequent Report Final Abandonment Notice	Abandonment Recompletion Plugging Back Casing Repair Altering Casing X Other Weekly Status	Change of Plans New Construction Non-Routine Fracturing Water Shut-Off Conversion to Injection Dispose Water (Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

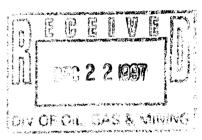
WEEKLY STATUS REPORT FOR THE PERIOD OF 12/11/97 - 12/17/97

Perf C/B sds @ 5026-29', 5041-43', 5046-52' & 5092-5104'.

Perf D sds @ 4876-84'.

Swab well. Trip production tbg.

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14. I hereby certify that the foregoing is Signed	true and correct Amon Santh	Title	Engineering Secretary	Date	12/18/97
(This space for Federal or State of	Tice use)	Title		Date	
Conditions of approval, if any:	1				

^{13.} Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is direction ally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

FORM 3160-5 (June 1990)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

Budget Bureau No. 1004-0135

BUREAU OF LAND MANAGEMENT Expires: March 31, 1993 5. Lease Designation and Serial No. SUNDRY NOTICES AND REPORTS ON WELLS UTU-74390 Do not use this form for proposals to drill or to deepen or reentry a different reservoir. 6. If Indian, Allottee or Tribe Name Use "APPLICATION FOR PERMIT -" for such proposals NA 7. If Unit or CA, Agreement Designation SUBMIT IN TRIPLICATE NA 1. Type of Well Oil 8. Well Name and No. X NINE MILE 6-6 Well Well Other 9. API Well No. 43-013-31719 2. Name of Operator INLAND PRODUCTION COMPANY 10. Field and Pool, or Exploratory Area MONUMENT BUTTE 3. Address and Telephone No 475 17TH STREET, SUITE 1500, DENVER, COLORADO 80202 (303) 292-0900 II. County or Parish, State 4. Location of Well (Footage, Sec., T., R., m., or Survey Description) DUCHESNE COUNTY, UTAH 2011 FNL 1869 FWL SE/NW Section 6, T09S R16E CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA 12. TYPE OF ACTION TYPE OF SUBMISSION Change of Plans Notice of Intent Abandonment Recompletion New Construction Subsequent Report Plugging Back Non-Routine Fracturing Water Shut-Off Casing Repair Conversion to Injection Final Abandonment Notice Altering Casing Dispose Water Weekly Status Other (Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

WEEKLY STATUS REPORT FOR THE PERIOD OF 12/18/97 - 12/24/97

Repair pumping unit clutch. Start well up. Place well on production @ 11:00 AM, 12/17/97.

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signed Sharmen		Engineering Secretary	Date	1/8/98
(This space for Federal or State office use)				
Approved by	Title		Date	
Conditions of approval, if any:				
CC: UTAH DOGM				

^{13.} Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

FORM 3160-4 (July 1992)

UNITED STATES

SUBMIT	IN	DUP	YTE*
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FORM APPROVED OMB NO. 1004-0137

structions on

Expires: February 28, 1995

2.13.0	JSDI	EPARTMEN BUREAU OF			R	reve	erse side) 5.	LEASE DE		74390
WELL	COME	PLETION O	RECOM	PI FTION	REPORT	ANDIO		. IF INDIA	-	EE OR TRIBE NAME
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WELL	OVE		BAC			er		. 4	NINE N	1ILE 6-6
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At Surface					00	LICIOR		OR AREA		• .
			SE/NV	V 111 FNL 1869	131	N-III-	NTIAL	Sec	tion 6,	T09S R16E
At top prod. Interval	reported be	a.	20	11 FNL 1869	FWL GG	ייו זטנ	ואווחנ	•		
At total depth			14. PERMI	T NO.	DATE ISS	UED	12.	COUNTY	OR PARISH	13. STATE
· .		-	43	-013-31719	1	9-15-96		DUCI	HESNE	UT
		r.D. REACHED	17. DATE COMPL.			NS (DF, RKB, RT,			-	19. ELEV. CASINGHEAL
11-6-97 20. TOTAL DEPTH, M		11-12-97	T.D., MD & TVD	22. IF MULTIF		23. INTERVAL		Y TOOLS		CABLE TOOLS
		. PLOG, BACK	. 1. <i>D.</i> , ND & 1 VD	HOW MAN		DRILLED B		r 1,00LS		CABLE TOOLS
5931	/ '	56	378'		N/A	>		X		
24. PRODUCING INTE	RVAL(S), O	F THIS COMPLETION-	тор, воттом, на	ME (MD AND TVD)*	_					25. WAS DIRECTIONAL
				•		•				SURVEY MADE
			Green I	River 4876'-	5474'					No
26. TYPE ELECTRIC A	ND OTHER	LOGS RUN								27. WAS WELL CORED
			DIGL/SP/G	R/CAL, SĎL	DSN/GR, (CBL	2-13-9	78		No
23.				CASING RECOR	D (Report all stri	ngs set in well)				·····
CASING SIZE		WEIGHT, LE		TH SET (MD)	HOLE SIZE		EMENT, CEM			AMOUNT PULLED
8 5/		24#		324.70	12 1/4		30 sx Pre			
5 1/.		15.5#	5	920.77	7 7/8	390 SX F	libond &	350 SX	CINIXO	
						+				<u> </u>
29.		LINE	R RECORD			30.	TI	BING RE	COPD	
SIZE	7	TOP (MD)	BOTTOM (MD)	SACKS CEMENT	* SCREEN (MD			TH SET (M		PACKER SET (MD)
						2-7/8"		5562'		,
• • •								-		
31. PERFORATION R	ECORD (In	terval, sire and in mb =)	III-NIII	1	32. ACID, SI	HOT, FRACTU	RE, CEMEN	T SQUE	EZE, ETC.	
100		COM	IDFIATI	1L (1)		TERVAL (MD)		_		IATERIAL USED
D Sand - 487		. FO 441 401-1-1	5000L E404L	w/4 jspf		'-4884'				520 Delta Frac
		; 5041'-43'; \ ; \)': 5314'-25': 30		w/4 jspf		'-5104'				549 Delta Frac
LDC Sand - 526		,		w/4 jspf w/4 jspf		'-5330' '-5474'				d in 622 BG Sd in 573 Delta
	7400-02	2, 0407 - 74				-04/4		: 1,300	# 20/40	Su III 313 Della
33.* DATE FIRST PRODUC	TION	PRODUCTION	METHOD (Flowing, a	Pas lift, pumpingsize a	RODUCTION ad type of pump)				MENT COL	TUS (Producing or shut-in)
12-17-			. , , , , ,	g - 2-1/2" x 1-	,, , ,,	HAC pump)			producing
DATE OF TEST		HOURS TESTED	CHOKE SIZE		OILBBLS.	GASMCF.	WATERI	BBL.		GAS-OIL RATIO
40 0-11 4		40/4/07	NT/A	TEST PERIOD	7.5	7,	. [26		0.007
10 Day A		12/1/97 CASING PRESSURE	N/A CALCULATED	OIL-BBL.	75 GASMO	74	WATER-BE	36	OIL CRASE	0.987 TY-API (CORR.)
LOW, TOBING FRESS	•	CASHIO FRESSURE	24-HOUR RATE	CIL-BBL.	JASMU		WAIEK-BE		JIL GRAVI	, r-vir (cour)
v. 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			>							·
34. DISPOSITION OF C	iAS (Sold, us		old & Used	for Eucl			TES	ST WITNES	SED BY	:
35. LIST OF ATTACH	MENTS	<u> </u>	olu & OSEG	ioi ruei		 				
	ems in ‡	<i>‡</i> 26								
		going and attached info	rmation is complet	e and correct as dete	rmined from all av	ailable records				
	· ,	1 - 1	7_		D	million Con	alallat		, D. 4 mm	2/0/08

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries);

GEOLOGIC MARKERS

38.

FORMATION	ТОР	воттом	DESCRIPTION, CONTENTS, ETC.		то	P
	100			NAME		TRUE
Garden Gulch Mkr	3634'				MEAS. DEPTH	VERT. DEPTH
Garden Gulch 2	3969'			_		
Point 3	4220'					
X Marker	4490'					
Y Marker	4554'					
Douglas Creek	4638'					
Bi-Carb	4872'					
B-Lime	4978'			Riving Control of the		
Castle Peak	5534'			estar a resident		
Basal Carbonate	NDE	1		and and		
Total Depth	5860'			Marie Contra	2.0	
- 50 2 	5000	,		Section of the sectio		* 5
				Section 1997		
		•		Company of Market		
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		N. N. Houseut				
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	d N	V 1/2				
		Company of the Compan				200
		4				1.5
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		**************************************	And the second s			1
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	to experience	. · .				
		·				

AS OF 7/13/98

WEST POINT UNIT WELL LISTING

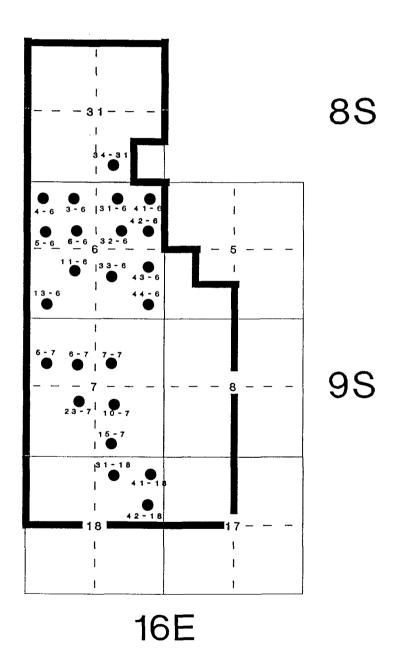
T. 8 & 9S, R. 16E

SEC.	FIELD	WELL NAME	STATUS	API NUMBER	
b	WEST POINT UNIT	MON FED #31-6Y	PROD	43.013.3017	12060
0	WEST POINT UNIT	FED 32-86-09-16Y	PROD	43.012-21300	112/1
(9	WEST POINT UNIT	MON FED #42-6Y	PROD	4301331645	11947
10	WEST POINT UNIT	MON FED #43-6Y	PROD	4301331644	11960
13	WEST POINT UNIT	MON FED #33-6Y	PROD	4301231559	11933
b	WEST POINT UNIT	FED 44-x6-09-16Y	PROD	4301331720	12066
7	WEST POINT UNIT	MON FED #23-7X	PROD	4301331694	12019
18	WEST POINT UNIT	MON FED #41-18Y	PROD	43013316410	11941
18	WEST POINT UNIT	FED 31-18-9-16Y	PROD	43013317265	12104
-14	WEST POINT UNIT	FED 42-18-09-16 y	PROD	4301331724	12124
31	WEST POINT UNIT	MON FED 34-31-8-16	PROD	4301331715	12067
أما	WEST POINT UNIT	MON FED 41-6-9-16Y	PROD	4301331718	12043,
وأ	WEST POINT UNIT	NINE MILE 3-6	PROD	43013318110	12264
b	WEST POINT UNIT	NINE MILE 11-6	PROD	4301331812	12266
lo	WEST POINT UNIT	NINE MILE FEDERAL 15-6-9-16	PROD	4301333200	12327
7	WEST POINT UNIT	NINE MILE 6-7	PROD	4301231776	12290
ተ	WEST POINT UNIT	NINE MILE 10-7	PROD	4301331773	12286
Ţ	WEST POINT UNIT	NINE MILE FEDERAL 12-7-9-16	PROD	4301333014	12328
Je.	WEST POINT UNIT	NINE MILE 4-6	PROD	4301331952	12282
6	WEST POINT UNIT	NINE MILE 5-6	PROD	430133953	12288
b	WEST POINT UNIT	NINE MILE 13-6	PROD	43013319574	12284
*1	WEST POINT UNIT	NINE MILE 6-6	PROD	14301331719	12289
η ,	WEST POINT UNIT	NINE MILE 5-7	PROD	4301331777	12291
η	WEST POINT UNIT	NINE MILE 7-7	PROD	43012-71778	12292
7	WEST POINT UNIT	NINE MILE 15-7	PROD	4301231803	12287
7	WEST POINT UNIT	NINE MILE 2-7	PROD	4301332011	12316
7	WEST POINT UNIT	NINE MILE 3-7	PROD	4301333012	12313
7	WEST POINT UNIT	NINE MILE 4-7	PROD	11301333013	12325
•	WEST POINT UNIT	NINE MILE 14-6	P&A	14301331999	j

WEST POINT (GR) UNIT ENTITY 12418 EFF 6-1-98.

WEST POINT (GREEN RIVER) UNIT Duchesne County, Utah

EFFECTIVE: JUNE 1, 1998



UNIT OUTLINE (UTU77107X)

2,738.19 ACRES

SECONDARY ALLOCATION

FEDERAL 100%

FGRM 3160-5 (June 1990)

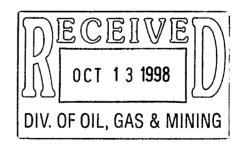
UNITED STATES

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AN	D REPORTS ON WELLS	5. Lease Designation and Serial No. UTU-74390
Do not use this form for proposals to drill or to dea Use "APPLICATION F	epen or reentry a different reservoir. OR PERMIT -" for such proposals	6. If Indian, Allottee or Tribe Name NA
SUBMIT IN	7. If Unit or CA, Agreement Designation WEST POINT (GR RVR)	
X Oil Gas Well Other		8. Well Name and No. NINE MILE 6-6 9. API Well No.
2. Name of Operator INLAND PRODUCTION COMPANY 3. Address and Telephone No.	D. COL OD LDO. 00000. (200) 200 0000	43-013-31719 10. Field and Pool, or Exploratory Area MONUMENT BUTTE
475 17TH STREET, SUITE 1500, DENVE 4. Location of Well (Footage, Sec., T., R., m., or Survey Description) 2011 FNL 1869 FWL SE/NW Section	n 6, T09S R16E	DUCHESNE COUNTY, UTAH
12. CHECK APPROPRIATE BOX(s) TYPE OF SUBMISSION	TO INDICATE NATURE OF NOTICE, REPOR	
		ACTION
Notice of Intent X Subsequent Report Final Abandonment Notice	Abandonment Recompletion Plugging Back Casing Repair Altering Casing X Other Site Security	Change of Plans New Construction Non-Routine Fracturing Water Shut-Off Conversion to Injection Dispose Water (Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)
3. Describe Proposed or Completed Operations (Clearly state all pertinent details	ls, and give pertinent dates, including estimated date of starting any propose	ed work. If well is direction-

ally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

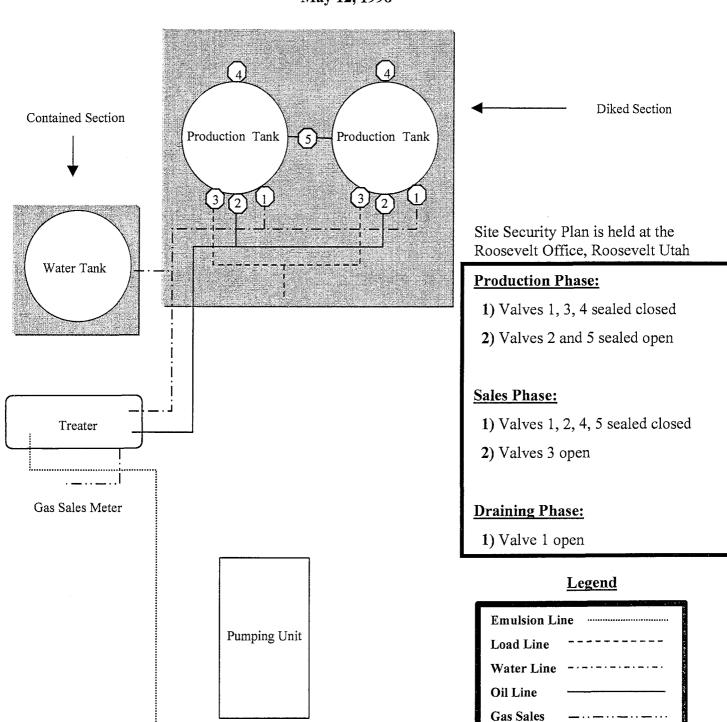
Attached please find the site security diagram for the above referenced well.



4. I hereby certify that the foregoing is true and correct Signed Schlie Con	Knight. Title	Manager, Regulatory Compliance	Date	10/7/98
(This space for Federal or State office use) Approved by	Title		Date	
Conditions of approval, if any: CC: UTAH DOGM	And the second of the second o			

Inland Production Company Site Facility Diagram

Nine Mile Federal 6-6 SE/NW Sec. 6, T9S, 16E Duchesne County May 12, 1998



Well Head

STRIE OF UTAH DIVESTOR OF OIL, GAS AND HINING ENTITY ACTION FORM - FORM 6

OPERATOR Inland Production Company 475 17th St., Suite 1500

	•				-	Denver,	CO 802	202			·		
~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~	CTION	CURRENT	HEH									•	
	- 1		ENTITY NO.	API HUMBER	WELL NAME		00			OCATIO	<u> </u>	SPUD	EFFECTIVE
265	A I	99999	12281	43-03-31945	Sand Wash 9-29-8	3-17		25.	TP	RG	COUNTY	DATE	DATE
	L 1 CO	MMENTS:	-10-00-1		tar sands technol	4-39	NS /SE	29/	85	178	Duchesne	12/11/97	12/0/97
2	•		S	pud well	wy union Rig	#7 @	2 10	:00	DPL	~ , .	12/11/9	7	
				Enlittes	added 2-10-98. L	2C_		<u>:</u>					
<u> </u>		୩୯ ୩୩	12282		Nine Mile 4-		NW/	,				· ·	
WEL	F 5 CU	HEUTS:					\NK	6	95	168	Duchesne	12/18/97	olieky
		:	2	pud well	W/Leon Ross	@ 1"	000	in'	(5	100/	97		
-	<u> </u>				•								
	<u></u>	99999	12283	43-613-51943	Sandwish 12-28-8-17 Ter Sands 12-	2 <i>0</i> 3	10 mg	28	85	175	Ougland		
HELL	r 3 cm	STHEHTS:		,		_				1,5	Duckeșne	12/20197	12/20197
			,	Spud we	M W/Union #	7 @	(3)3	C 6	om,	12	120/97		· ·
ES-	1	99999			· ·		•						
Sourc	4	HENTS:	122891	43-013-31954	Nine Mile 13	-6-9-16	Sw	6	95	168	Duchesne	1/1/90	1/199
?ESC													
-				spuo wei	1 w/ Four Corne	e Lec	~ Ko	25	نمخ	පි	15 am	1/1/48	
2	Δ .	99999	INDET !	13-012-31972			 Sx / T		<u> </u>				
HELL		MENTS:	122051	70 012 21.12	wells Draw	6-4	NW	4	95	168	Ouchesne	1/7/98	1/7/98
-Wd0			<	Sound well	w/zcm Dril	line o				<u>_</u>			
S:					1	J \	- 4	.00	ח קיב	~)	1/7/98	3	
∞ 4 :11			IEM ERCITY I	on back of form) or new well (sing	1			·		·.			
1998					or unit well) or unit well) , to another existing entity					· .	Shanno	~ Smi	th

0 - Ke-assign well from one existing entity to a new entity E - Other (explain in comments section)

B - Add new well to existing entity (group or unit well)
C - Re-assign well from one existing entity to another existing entity

Use COMMENT section to explain why each Action Code was selected. (89/نہا

Engineering Technician 2/9

Phone No. (303) 376-8107

LIATU 70 E VISION OF UIL, GAS AND MINTHG ENTITY ACTION FORM - FORM 6

Inland Production Company ADDRESS 475 17th St., Suite 1500

OPERATOR ACCT. NO. ห 5160

, Э			•	Den	ver, CO 80202					· .
ACTION	000000	NEW ENTITY NO.	API HUNDER	WELL NAME		UELL	LDCATIO	· ·		,
3 A	99999	12286	43-013-31773	Nine Mile 10-7	90 SC NGY 75E 7	TP.	RG	COUNTY	SPUD DATE	EFFECTIVE DATE
HELL I	COMMENTS:					_ '~	168	Duchesne	12/1/97	12/1/97
		-	pud well	w/Four Corners d	16@9:0	O pr		2/1/47.		
	99999	1		Nime Mile 15-			7		·	
hZ	Соннеить:							Duchesne	12/2/97	12/2/97
		S	pud well	w/Leon Ross.€	2:45 pm, 1	2/2/9	7.			:
·	99999	12275	43-603-69-6	Castle Draw 1-3	Suy					
MELT 3 (COMHERTS:		43-047-328	BENTITY PREVIOUSLY and	1 108 2	4 45	168	Duchesne	11/25/47	11/25/97
		· ·	Spuel well	BENTITY previously ad	6:30 p	m, 11/	25/	97.		
7 CE V	99999	12275	43-43-315-91	Castle Draw &				_		
3 ELL 4 (COMMENTS:	·	43-047-3284	Entity previously	added.	195	168	Duchesne	12/3/47	12/3/97
N	·		Spud wei	Entity previously Whion rig #7 (@ 10:45 p	m, 12	/3/4	7.		
	99999	12288	43-013-31953	Nine Mile 5-1	9/50//	ac	125			
MELL 5 (DHMENTS:	<		11 /1 -	PFIU ME L		160	Duchesne	12/7/97	12/7/97
ਤੇ 			•	11 W/Leon Ross	@ 9:00	am,	12/	7/97		
λ γ γ γ	- Add new sie	ll to existi	on back of form) for new well (sing ing entity (group ne existing entity ne existing entity	ple well only) or unit well) to another existing entity to a new entity			·	Signature	en Smi	<u>t1</u>

D - Re-assign well from one existing entity to a new entity E - Other (explain in comments section)

ر ۱۸۶۵) ج)LE: Use COMMENT section to explain why each Action Code was selected.

Phone No. (303) 376-8107

Engineering Technician 2/9/9

STATE OF UTAH DIVISION OF DIL, GAS AND MINING ENTITY ACTION FORM - FORM.6

OPERATOR Inland Production Company ADDRESS 475 17th St., Suite 1500

OPERATOR ACCT. NO. H5160

4				Denver, CO 80202	
COOE	CURRENT ENTITY NO.	NEW ENTITY NO.	API HUNDER	WELL NAME	
3 A	99999		43-013-3719	QQ SC TP RG COUNTY DATE	EFFECTIVE DATE
MELL 1 CO	PENENTS:	500	id well i	Nine Mile 6-6 9/2011 6 95 168 Duchosne 11/6/97	11/6/97
				2 (Four Corners rig #6 @ 19:30 pm / 11/6/97	
HELL 2 CO	99999	12290	43-013-31776	Nine Mile 6-7 100 7 95 KE Duchesne 11/10/97	
		Spu	d well u	of Leon Ross @ 4:00 pm 11/10/97	11/10/97
A	99999				
HELL 3 COH	<u> </u>	17211	13-013-31777	Nine Mile 5-7 500 7 98 168 Ouchesne 11/16/97	11/16/47
		Space	الما الماء ال	Leon loss @ 1:00 pm 41/16/97.	
	19999	122921	13-613-31778	Nine Mile 7-7 Ste/NE 7 95 168 Duchesie 11/20/97	
ELL 4 CUM	ENTS:	Source)	1/1 - D () NE 7 95 168 Duchesie 11/20/97	11/20/97
				1126/97	
IELL 5 COMM	19999 Ents:	12293 4:	3-013-319901	MBFNE 11-24-8-16 Monument Batte 11-24x bw 24 85 166 Duchane 11/17/47	
		Sour	•	e/Union rig #7 @ 3:00 Am 11/17/97.	n/17/97
Tion cones	S (See inst stablish ne	metias.	back of form) r new well (singl		

A - Establish new entity for new well (single well only) B - Add new well to existing entity (group or unit well)

C - Re-assign well from one existing entity to another existing entity

D - Re-assign well from one existing entity to a new entity E - Other (explain in comments section)

TE: Use COMMENS section to explain why each Action Code was selected. -/891

Engineering Technician 2/9/98

Plione No. (303



United States Department of the Interior



BUREAU OF LAND MANAGEMENT Utah State Office P.O. Box 45155 Salt Lake City, UT 84145-0155 http://www.blm.gov

IN REPLY REFER TO: 3106 (UT-924)

September 16, 2004

Memorandum

To:

Vernal Field Office

From:

Acting Chief, Branch of Fluid Minerals

Subject:

Merger Approval

Attached is an approved copy of the name change recognized by the Utah State Office. We have updated our records to reflect the merger from Inland Production Company into Newfield Production Company on September 2, 2004.

Milas Llouters

Michael Coulthard Acting Chief, Branch of Fluid Minerals

Enclosure

1. State of Texas Certificate of Registration

cc:

MMS, Reference Data Branch, James Sykes, PO Box 25165, Denver CO 80225 State of Utah, DOGM, Attn: Earlene Russell, PO Box 145801, SLC UT 84114

Teresa Thompson Joe Incardine Connie Seare





Office of the Secretary of State

The undersigned, as Secretary of State of Texas, does hereby certify that the attached is a true and correct copy of each document on file in this office as described below:

Newfield Production Company Filing Number: 41530400

Articles of Amendment

September 02, 2004

In testimony whereof, I have hereunto signed my name officially and caused to be impressed hereon the Seal of State at my office in Austin, Texas on September 10, 2004.





Secretary of State

ARTICLES OF AMENDMENT TO THE ARTICLES OF INCORPORATION OF INLAND PRODUCTION COMPANY

In the Office of the Secretary of State of Texas

SEP 02 2004

Corporations Section

Pursuant to the provisions of Article 4.04 of the Texas Business Corporation Act (the "TBCA"), the undersigned corporation adopts the following articles of amendment to the articles of incorporation:

ARTICLE 1 - Name

The name of the corporation is Inland Production Company.

ARTICLE 2 - Amended Name

The following amendment to the Articles of Incorporation was approved by the Board of Directors and adopted by the shareholders of the corporation on August 27, 2004.

The amendment alters or changes Article One of the Articles of Incorporation to change the name of the corporation so that, as amended, Article One shall read in its entirety as follows:

"ARTICLE ONE - The name of the corporation is Newfield Production Company."

ARTICLE 3 - Effective Date of Filing

This document will become effective upon filing.

The holder of all of the shares outstanding and entitled to vote on said amendment has signed a consent in writing pursuant to Article 9.10 of the TBCA, adopting said amendment, and any written notice required has been given.

IN WITNESS WHEREOF, the undersigned corporation has executed these Articles of Amendment as of the 1st day of September, 2004.

INLAND RESOURCES INC.

Susan G. Riggs, Treasurer

•	•				
UTSL-	15855	61052	73088	76561	
071572A	16535	62848	73089	76787	
065914	16539	63073B	73520A	76808	
.*	16544	63073D	74108	76813	•
	17036	63073E	74805	76954	63073X
	17424	63073O	74806	76956	63098A
	18048	64917	74807	77233	68528A
UTU-	18399	64379	74808	77234	72086A
	19267	64380	74389	77235	72613A
02458	26026A	64381	74390	77337	73520X
03563	30096	64805	74391	77338	74477X
03563A	30103	64806	74392	77339	75023X
04493	31260	64917	74393	77357	76189X
05843	33992	65207	74398	77359	76331X
07978	34173	65210	74399	77365	76788X
09803	34346	65635	74400	77369	77098X
017439B	36442	65967	74404	77370	77107X
017985	36846	65969	74405	77546	77236X
017991	38411	65970	74406	77553·	77376X
017992	38428	66184	74411	77554	78560X
018073	38429	66185	74805	78022°	79485X
019222	38431	66191	74806	79013·	79641X
020252	39713	67168	74826	79014	80207X
020252A	39714	67170	74827	79015	81307X
020254	40026	67208	74835	79016	
020255	40652	67549	74868	79017	
020309D	40894	67586	74869	79831	•
022684A	41377	67845	74870	79832°	
027345	44210	68105	74872	79833 [,]	
034217A	44426	68548	74970	79831	
035521	44430	68618	75036	79834	
035521A	45431	69060	75037	80450	
038797	47171	69061	75038	80915	
058149	49092	69744	75039	81000	
063597A	49430	70821	75075		
075174	49950	72103	75078		•
096547	50376	72104	75089		
096550	50385	72105	75090		
	50376	72106	75234		
10770	50750	72107	75238		
10760	51081	72108	76239		
11385	52013	73086	76240		•
13905	52018	73087	76241		
15392	58546	73807	76560	•	
			*	· · · · · · · · · · · · · · · · · · ·	

FORM 3160-5 (September 2001)

1. Type of Well

2. Name of Operator

🛛 Oil Well 🔲 Gas Well

Newfield Production Company

Myton, UT 84052

SE/NW Section 6 T9S R16E

3a. Address Route 3 Box 3630

2011 FNL 1869 FWL

TYPE OF SUBMISSION

Final Abandonment Notice

■ Notice of Intent

X Subsequent Report

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPRO OMB No. 1004 Expires January 3

SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals

Other

Acidize

Alter Casing

Casing Repair

Change Plans

Convert to Injector

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

, Allottee or Tribe Name. SUBMIT IN TRIPLICATE - Other Instructions on reverse side Unit of As/Agreement, Name and/or No. WEST POINT UNIT 8. Well Name and No. NINE MILE 6-6 9. API Well No. 3b. Phone No. (include are code) 4301331719 10. Field and Pool, or Exploratory Area Monument Butte 11. County or Parish, State Duchesne UT 12. CHECK APPROPRIATE BOX(ES) TO INIDICATE NATURE OF NOTICE, OR OTHER DATA TYPE OF ACTION Production(Start/Resume) ☐ Water Shut-Off Reclamation ■ Well Integrity Recomplete X Other Temporarily Abandon Weekly Status Report Water Disposal

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

435,646,3721

Deepen

Plug Back

Fracture Treat

New Construction

Plug & Abandon

Subject well had recompletion procedures initiated in the Green River formation on 11/29/04. Existing production equipment was pulled from well. A bit and scraper were run in well. Four new Green River interval was perforated and hydraulically fracture treated as follows: Stage #1: CP5 sands @ 5760-5765'fraced w/17,970# 20/40 sand in 224 bbls Lightning 17 fluid; Stage #2: B2 sands @ 5167-5170'fraced w/5,633# 20/40 sand in 100 bbls Lightning 17 fluid: Stage #3: D3 sands @ 4988-4990'fraced w/10,409# 20/40 sand in 194 bbls Lightning 17 fluid; Stage #4: PB10 sands @ 4602-4608'(4 JSPF) fraced w/22.549# 20/40 sand in 282 bbls Lightning 17 fluid. Fracs were flowed back through chokes. Sand was cleaned from wellbore. New intervals were swab tested for sand cleanup. BHA & production tbg were run and anchored in well w/tubing anchor @ 5549', pump seating nipple @ 5581', and end of tubing string @ 5613'. A new 1 1/2" bore rod pump was run in well on sucker rods. Well returned to production via rod pump on 12-13-04.

I hereby certify that the foregoing is true and correct	Title					
Name (Printed/Typed) Renee Palmet	Production Clerk	Production Clerk				
Signature Signature	Date 12/14/2004					
THIS SPACE FOR FI	DERAL OR STATE OFFICE	E USE 1				
Approved by	Title	Date				
Conditions of approval, if any, are attached. Approval of this notice does not warrant certify that the applicant holds legal or equitable title to those rights in the subject leas which would entitle the applicant to conduct operations thereon.		Office				
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for an States any false, fictitious and fraudulent statements or representations as to any matter		any department or agency of the United				

OPERATOR CHANGE WORKSHEET

ROUTING

1. GLH

2. CDW

3. FILE

Change of Operator (Well Sold)

Designation of Agent/Operator

X Operator Name Change

Merger

The operator of the well(s) listed below has):	9/1/2004						
FROM: (Old Operator): N5160-Inland Production Company Route 3 Box 3630 Myton, UT 84052	TO: (New Operator): N2695-Newfield Production Company Route 3 Box 3630 Myton, UT 84052							
Phone: 1-(435) 646-3721				Phone: 1-(435)				
CA I	No.			Unit:	WE	ST POINT	(GREEN I	RIVER)
WELL(S)								·
NAME	SEC	TWN R	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
MON FED 34-31-8-16	31	080S 16	60E	4301331715	12418	Federal	WI	A
WEST POINT U 13-5-9-16	05	090S 16	50E	4301331766	12418	Federal	ow	P
MON FED 32-6-9-16Y	06	090S 16	50E	4301331300	12418	Federal	WI	A
MON FED 33-6-9-16Y	06	090S 16	60E	4301331589	12418	Federal	ow	S
MON FED 43-6-9-16Y	06	090S 16	60E	4301331644	12418	Federal	WI	A
MON FED 42-6-9-16Y	06	090S 16	60E	4301331645	12418	Federal	OW	P
MON FED 31-6-9-16Y	06	090S 16	50E	4301331717	12418	Federal	OW	P
MON FED 41-6-9-16Y	06	090S 16	50E	4301331718	12418	Federal	WI	A
NINE MILE 6-6	06	090S 16	60E	4301331719	12418	Federal	OW	P
MON FED 44-6-9-16Y	06	090S 16	60E	4301331720	12418	Federal	OW	P
WEST POINT U 12-6-9-16	06	090S 16	60E	4301331765	12418	Federal	OW	P
NINE MILE 11-6	06	090S 16	50E	4301331812	12418	Federal	WI	A
MON FED 23-7-9-16Y	07	090S 16	60E	4301331694	12418	Federal	WI	A
NINE MILE 10-7	07	090S 16	60E	4301331773	12418	Federal	OW	P
NINE MILE 6-7	07	090S 16	60E	4301331776	12418	Federal	OW	P
NINE MILE 5-7	07	090S 16	60E	4301331777		Federal	WI	A
NINE MILE 7-7	07	090S 16	60E	4301331778	12418	Federal	WI	A
NINE MILE 15-7	07	090S 16	60E	4301331803		Federal	WI	A
NINE MILE 16-7-9-16	07	090S 16	60E	4301331804		Federal	OW	P
MON FED 41-18-9-16Y	18	090S 16	60E	4301331646		Federal	WI	A
MON FED 42-18-9-16Y	18	090S 16	60E	4301331724		Federal	OW	S
MON BUTTE FED 31-18-9-16Y	18	090S 16	60E	4301331725	12418	Federal	ow	P

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

(R649-8-10) Sundry or legal documentation was received from the FORMER operator on: 9/15/2004
 (R649-8-10) Sundry or legal documentation was received from the NEW operator on: 9/15/2004

3. The new company was checked on the Department of Commerce, Division of Corporations Database on:

2/23/2005

4. Is the new operator registered in the State of Utah:

YES Business Number:

755627-0143

5. If NO, the operator was contacted contacted on:

6a. (R649-9-2)Waste Management Plan has been received on:	IN PLACE
6b. Inspections of LA PA state/fee well sites complete on:	waived
7. Federal and Indian Lease Wells: The BLM and or	the RIA has approved the merger name change
or operator change for all wells listed on Federal or Indian lea	
· · · · ·	
8. Federal and Indian Units:	
The BLM or BIA has approved the successor of unit operat	for for wells listed on:n/a
9. Federal and Indian Communization Agreement	ts ("CA"):
The BLM or BIA has approved the operator for all wells lis	sted within a CA on:na/
10. Underground Injection Control ("UIC") The	e Division has approved UIC Form 5, Transfer of Authority to
Inject, for the enhanced/secondary recovery unit/project for t	he water disposal well(s) listed on: 2/23/2005
DATA ENTRY:	
1. Changes entered in the Oil and Gas Database on:	2/28/2005
2. Changes have been entered on the Monthly Operator Change	ge Spread Sheet on: 2/28/2005
3. Bond information entered in RBDMS on:	2/28/2005
4. Fee/State wells attached to bond in RBDMS on:	2/28/2005
5. Injection Projects to new operator in RBDMS on:	2/28/2005
6. Receipt of Acceptance of Drilling Procedures for APD/New of	on: waived
FEDERAL WELL(S) BOND VERIFICATION:	
Federal well(s) covered by Bond Number:	UT 0056
INDIAN WELL(S) BOND VERIFICATION:	(IDSDDY)2012
Indian well(s) covered by Bond Number:	61BSBDH2912
FEE & STATE WELL(S) BOND VERIFICATION	:
1. (R649-3-1) The NEW operator of any fee well(s) listed cover	red by Bond Number 61BSBDH2919
2. The FORMER operator has requested a release of liability fro	m their bond on:n/a*
The Division sent response by letter on:	n/a
LEASE INTEREST OWNER NOTIFICATION:	
3. (R649-2-10) The FORMER operator of the fee wells has been	a contacted and informed by a letter from the Division
of their responsibility to notify all interest owners of this chan	
COMMENTS:	
*Bond rider changed operator name from Inland Production Com	pany to Newfield Production Company - received 2/23/05



May 6, 2010

Mr. Dan Jarvis State of Utah Division of Oil, Gas and Mining Post Office Box 145801 Salt Lake City, Utah 84114-5801 RECEIVED
MAY 1 8 2010

DIV. OF OIL, GAS & MINING

RE:

Permit Application for Water Injection Well

Nine Mile #6-6-9-16

Monument Butte Field, Lease #UTU-74390

Section 6-Township 9S-Range 16E

Duchesne County, Utah

Dear Mr. Jarvis:

Newfield Production Company herein requests approval to convert the Nine Mile #6-6-9-16 from a producing oil well to a water injection well in the Monument Butte (Green River) Field.

I hope you find this application complete; however, if you have any questions or require additional information, please contact me at (303) 893-0102.

Sincerely,

Eric Sundberg Regulatory Analyst

NEWFIELD PRODUCTION COMPANY APPLICATION FOR APPROVAL OF CLASS II INJECTION WELL

NINE MILE #6-6-9-16

MONUMENT BUTTE FIELD (GREEN RIVER) FIELD

LEASE #UTU-74390

May 6, 2010

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APPLICATION FOR INJECTION WELL - UIC FORM 1

OPERATOR	Newfield Production Company	
ADDRESS	1001 17th Street, Suite 2000	
	Denver, Colorado 80202	

Well Name ar	nd number:	Nir	ne Mile#	\$6-6-9-16						
Field or Unit n	name: Monun	nent Bu <u>tte</u>	(Green	River)				Lease No.	UTU-7439	90
Well Location	: QQ <u>SEI</u>	NWs	ection	6	township	98	_range	16E	county	Duchesne
s this applica	tion for expan	sion of an	existing	project?			Yes[X]	No []		
Will the propo	sed well be u	sed for:		Disposal?	Recovery?		Yes[]	No [X]		
lf this applicat	tion for a new	xisting we	11,							
Date of test	g test been pe : : 43-013-317		n the we	ell? - -			Yes[]	NO [X]		
Proposed max	ection interval: ximum injection ection zone con ell.	n: rat	e		_ to _pressure [] fresh wa	5931 2083 ater within 1	_ _psig <i>[</i> 2			
	IM	1PORTAN	T:		information y this form.	as required	d by R615	-5-2 should		
List of Attachr	ments:	Att	tachmen	ts "A" throเ	ıgh "H-1"	.,	· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·		
I certify that th	nis report is tru	ue and cor	mplete to	the best o	f my knowle	edge.	. //	,	_	
Name:	Eric Sundbe	_ 			Signature	<u> </u>	fre			_
	Regulatory	Analyst			_Date	5/10/1	0 -			
Title										
Title Phone No.	(303) 893-0				-					_
Phone No.	(303) 893-0		·		_					
	(303) 893-0 ly)		•		_		Title			

Comments:

Nine Mile #6-6-9-16

Spud Date: 11/6/97 Put on Production: 12/17/97 GL: 5841' KB: 5854'

> Nine Mile #6-6-9-16 2011 FNL & 1869 FWL SENW Section 6-T9S-R16E

Duchesne Co, Utah API #43-013-31719; Lease #UTU-74390 Initial Production: 75 BOPD, 74 MCFPD, 36 BWPD

Proposed Injector Wellbore Diagram SURFACE CASING FRAC JOB CSG SIZE: 8-5/8" 12/7/97 5456'-5474' of 20/40 sand in 573 bbls Delta Frac LDC sand as follows: 121.300# Frac. Treated @ avg press 2600 w/avg rate flush: 5454 gal. Actual flush: 5364 gal. GRADE: J-55 TOC @ 100' 29 bpm. ISIP 2836 psi. Calc WEIGHT:24# 12/9/97 5288'-5330' Frac A sand as follows: 130,300# of 20/40 sand in 622 bbls LENGTH: 8 jts (311.79') Boragel. Treated @ avg press 1950 w/avg rate of 31 bpm, ISIP-2462 psi. Calc flush: 5286 gal. Actual flush: Casing shoe @ 325' DEPTH LANDED: 324.70' KB HOLE SIZE:12-1/4" 12/11/97 5026'-5104' Frac C/B sands as follows Frac C/B sands as follows: 114,300# 20/40 sand in 549 bbls Delta Frac. Breakdown @ 2220 psi. Treated w/avg press of 1880 psi w/avg rate of 28.1 BPM. ISIP 2974 psi. Cale flush: 5024 gal. Actual flush: 4919 gal. CEMENT DATA: 160 sxs Premium cmt, est 1 bbls to surf. Frac D sand as follows: 114,300# 20/40 sand in 520 bbls of Delta Frac. Treated @ avg press of 2046 psi wavg rate of 26.2 BPM. ISIP 2550 psi. Calc flush: 4874 gal. Actual flush: 4778 12/13/97 4876'-4884' PRODUCTION CASING CSG SIZE: 5-1/2" GRADE: J-55 9/28/98 Tubing leak. WEIGHT: 15.5# 11/20/98 Stuck plunger. LENGTH: 138 jts. (5907.44') 2/11/99 Parted rods. DEPTH LANDED: 5920.77' 02/29/00 Stuck plunger Pump change. Update rod, tubing and down hole details, 11/3/01 HOLE SIZE: 7-7/8" CEMENT DATA: 390 sks Hibond mixed & 350 sks thixotropic 2/23/04 Pump change. CEMENT TOP AT: 100' per CBL Packer @ 4552' 12/7/04 5760'-5765' 20/40 sand in 224 bbls Lightning Frac CP.5 sands as follows: Frac 17 fluid. Treated @ avg press of 3354 psi w/avg rate of 14,6 BPM. ISIP 2120 psi. Calc flush; 1490 gal. Actual flush; 1428 gal. 4602'-4608' **TUBING** 12/7/04 5167-5187' Frac B2 sands as follows: 5.633# SIZE/GRADE/WT,: 2-7/8" / M-50 20/40 sand in 100 bbls Lightning Frac 17 fluid. Screened out. 4876' - 4884' 12/7/04 4988-4990 Frac D3 sands as follows: Frac 17 fluid. Screened out. 10,409# NO. OF JOINTS: 182 jts (5724') 20/40 sand in 194 bbls Lightning TUBING ANCHOR: 5734' 12/7/04 4602-4608° 20/40 sand in 282 bbls Lightning Frac PB10 sands as follows: 4988'-4990 Frac 17 fluid. Treated @ avg press of 2365 psi w/avg rate of 24.6 BPM. ISIP 2500 psi. Calc flush: 4600 gal. Actual flush: 4391 gal. NO. OF JOINTS: 1 jt (31.30') 5026' -5029' SEATING NIPPLE: 2-7/8" (1.10') SN LANDED AT: 5768.1' 03/22/05 Pump Change. Update rod detail 5041' -5043' NO. OF JOINTS: 1 jts. (31.30') 02/17/06 Pump Change. Update rod and tubing 5046'- 5052' TOTAL STRING LENGTH: EOT @ 5801' 5092'- 5104' 12-7-07 Parted Rods. Updated rod & tubing 1/12/10 Tubing leak. Updated rod and tubing 5167'-5170' detail. 5184'-5187' 5288'- 5300' 5314'- 5325' 5328'-5330' 5456'-5462' PERFORATION RECORD 5467'- 5474 12/05/97 5467'-5474' 4 ISPF 28 holes 12/05/97 5456'-5462' 4 JSPF 24 holes 12/08/97 5328'-5330' 4 JSPF 8 holes 12/08/97 5314'-5325' 4 JSPF 44 holes 12/08/97 5288'-5300' 4 JSPF 48 holes 12/10/97 5092'-5104' 4 JSPF 48 holes 12/10/97 5046'-5052' 4 JSPF 24 holes 5760°-5765° 5041'-5043' 12/10/97 4 JSPF 8 holes 12/10/97 5026'-5029' 4 JSPF 12 holes 12/12/97 4876'-4884' 4 ISPF 32 holes 12/06/04 5760'-5765' 4 JSPF 20 holes NEWFIELD 12/06/04 5184'-5187' 4 JSPF 24 holes 12/06/04 5167'-5170' 4 JSPF 24 holes PBTD @ 5878' 12/06/04 4988'-4990' 4 JSPF 8 holes

TD @ 5931'

4 JSPF

24 holes

12/06/04

4602'-4608'

WORK PROCEDURE FOR INJECTION CONVERSION

- 1. Rig up hot oil truck to casing. Pump water. Unseat pump. Flush rods. Trip out of hole with rods and pump.
- 2. Trip out of hole with tubing, breaking and doping every connection. Trip in hole with packer and tubing. Rig up water truck to casing. Pump packer fluid. Set packer.
- 3. Test casing and packer.
- 4. Rig down and move out.

REQUIREMENTS FOR INJECTION OF FLUIDS INTO RESERVOIRS RULE R615-5-1

- 1. Operations to increase ultimate recovery, such as cycling of gas, the maintenance of pressure, the introduction of gas, water or other substances into a reservoir for the purpose of secondary or other enhanced recovery or for storage and the injection of water into any formation for the purpose of water disposal shall be permitted only by order of the Board after notice and hearing.
- 2. A request for agency action for authority for the injection of gas, liquified petroleum gas, air, water or any other medium into any formation for any reason, including but not necessarily limited to the establishment of or the expansion of waterflood projects, enhanced recovery projects, and pressure maintenance projects shall contain:
 - 2.1 The name and address of the operator of the project.

Newfield Production Company 1001 17th Street, Suite 2000 Denver, Colorado 80202

A plat showing the area involved and identifying all wells, including all proposed injection wells, in the project area and within one-half mile of the project area.

See Attachment A.

2.3 A full description of the particular operation for approval is requested.

Approval is requested to convert the Nine Mile #6-6-9-16 from a producing oil well to a water injection well in Monument Butte (Green River) Field.

2.4 A description of the pools from which the identified wells are producing or have produced.

The proposed injection well will inject into the Green River Formation.

2.5 The names, description and depth of the pool or pools to be affected.

The injection zone is in the Green River Formation. For the Nine Mile #6-6-9-16 well, the proposed injection zone is from Garden Gulch to Castle Peak (4166' -5931'). The confining strata directly above and below the injection zones are the Garden Gulch and the top of the Wasatch Formation or TD, which ever is shallower. The Garden Gulch Marker top is at 3826' and the TD is at 5931'.

2.6 A copy of a log of a representative well completed in the pool.

The referenced log for the Nine Mile #6-6-9-16 is on file with the Utah Division of Oil, Gas and Mining.

2.7 A statement as to the type of fluid to be used for injection, its source and the estimated amounts to be injected daily.

The primary type and source of fluid to be used for injection will be culinary water commingled with produced water. The average estimated injection of fluids will be at a rate of 300 BPD, and the estimated maximum injection will be at a rate of 500 BPD.

A list of all operators and surface owners within one-half mile radius of the proposed project.

See Attachment B.

2.9 An affidavit certifying that said operators or owners and surface owners within a one-half mile radius have been provided a copy of the petition for injection.

See Attachment C.

2.10 Any additional information the Board may determine is necessary to adequately review the petition.

Newfield Production Company will supply any additional information requested by the Utah Division of Oil, Gas and Mining.

4.0 Establish recovery projects may be expanded and additional wells placed on injection only upon authority from the Board after notice and hearing or by administrative approval.

This proposed injection well is on a Federal lease (Lease #UTU-74390) in the Monument Butte Federal (Green River) Field, and this request is for administrative approval.

REQUIREMENTS FOR CLASS II INJECTION WELLS INCLUDING WATER DISPOSAL, STORAGE AND ENHANCED RECOVERY WELLS SECTION V – RULE R615-5-2

- 1. Injection well shall be completed, equipped, operated, and maintained in a manner that will prevent pollution and damage to any USDW, or other resources and will confine injected fluids to the interval approved.
- 2. The application for an injection well shall include a properly completed Form DOGM-UIC-1 and the following:
 - 2.1 A plat showing the location of the injection well, all abandoned or active wells within a one-half mile radius of the proposed wells, and the surface owner and the operator of any lands or producing leases, respectively, within a one-half mile radius of the proposed injection well.

See Attachments A and B.

2.2 Copies of electrical or radioactive logs, including gamma ray logs, for the proposed well run prior to the installation of casing and indicating resistivity, spontaneous potential, caliper and porosity.

All logs are on file with the Utah Division of Oil, Gas and Mining.

2.3 A copy of a cement bond or comparable log run for the proposed injection well after casing was set and cemented.

A copy of the cement bond log is on file with the Utah Division of Oil, Gas and Mining.

2.4 Copies of logs already on file with the Division should be referenced, but need not be refiled.

All copies of logs are on file with the Utah Division of Oil, Gas and Mining.

2.5 A description of the casing or proposed casing program of the injection well and of the proposed method for testing the casing before use of the well.

The casing program is 8-5/8", 24# surface casing run to 325' KB, and 5-1/2", 15.5# casing run from surface to 5921' KB. A casing integrity test will be conducted at the time of conversion. See Attachment E.

A statement as to the type of fluid to be used for injection, its source and estimated amounts to be injected daily.

The primary type and source of fluid to be used for injection will be culinary water commingled with produced water. The estimated average rate of injection will be 300 BPD, and the estimated maximum rate of injection will be 500 BPD.

2.7 Standard laboratory analysis of the fluid to be injected, the fluid in the formation into which the fluid is being injected, and the compatibility of the fluids.

See Attachment F.

The proposed average and maximum injection pressures.

The proposed average injection pressure will be approximately 1100 psig and the maximum injection pressure will not exceed 2083 psig.

2.8 Evidence and data to support a finding that the proposed injection well will not initiate fractures through the overlying strata or a confining interval that could enable the injected fluid or formation fluid to enter the fresh water strata.

The minimum fracture gradient for the Nine Mile #6-6-9-16, for existing perforations (4602' - 5765') calculates at 0.80 psig/ft. The maximum injection pressures will be limited so as not to exceed this gradient. A step rate test will be performed periodically to ensure we are below parting pressure. The proposed maximum injection pressure is 2083 psig. We may add additional perforations between 3826' and 5931'. See Attachments G and G-1.

2.9 Appropriate geological data on the injection interval and confining beds, including the geologic name, lithologic description, thickness, depth, and lateral extent.

In the Nine Mile #6-6-9-16, the proposed injection zone (4166' - 5931') is in the Garden Gulch to the Castle Peak of the Green River Formation. The reservoir is a very fine-grained sandstone with minor imbedded shale streaks. The estimated porosity is 13%. The members are composed of porous and permeable lenticular calcareous sandstone and low porosity carbonates and calcareous shale. The porous and lenticular sandstone varies in thickness from 0-31' and is confined to the Monument Butte Federal Field. Outside the Monument Butte Federal Field, the sandstone is composed of tight, very fine, silty, calcareous sandstone, less than 3' thick. The stratum confining the injection zone is composed of tight, moderately calcareous, sandy lacustrine shale. All of the confining strata are impermeable, and will effectively seal off the oil, gas, and water of the injection zone from any strata directly above or below it.

2.10 A review of the mechanical condition of each well within a one-half mile radius of the proposed injection well to assure that no conduit exists that could enable fluids to migrate up or down the wellbore and enter the improper intervals.

See Attachments E through E-16.

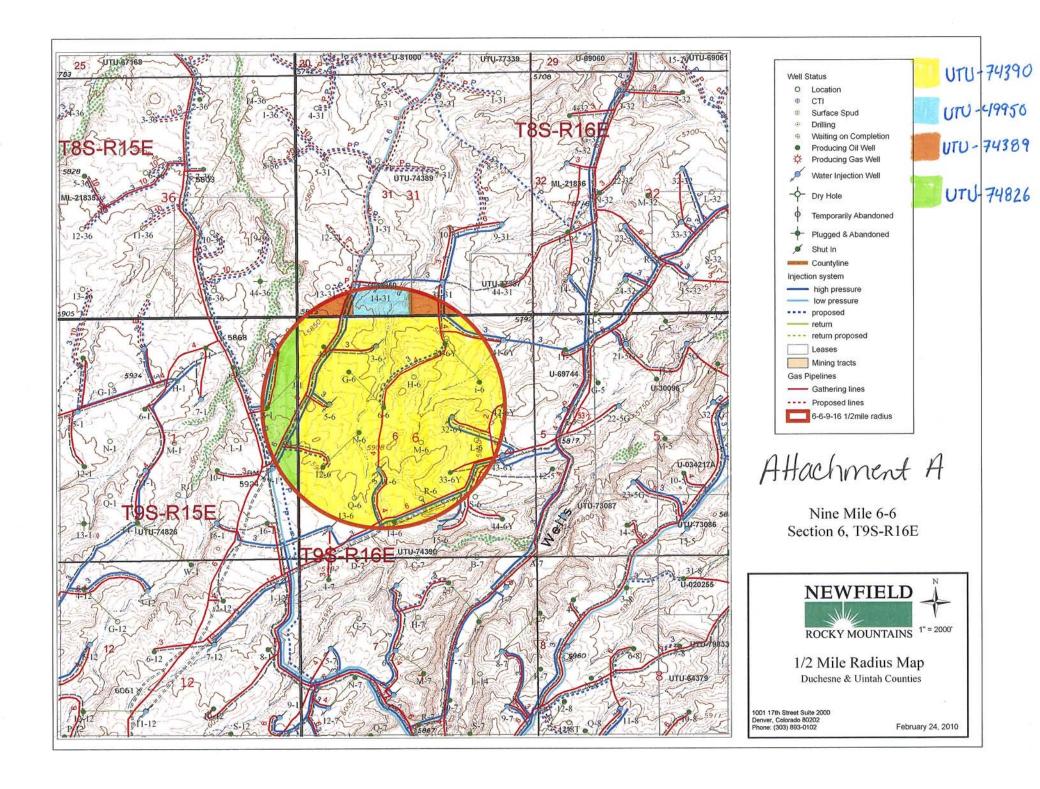
Additionally, the injection system will be equipped with high and low pressure shut down devices that will automatically shut in injection waters if a system blockage or leakage occurs. One way check valves will also ensure proper flow management. Relief valves will also be utilized for high-pressure relief.

2.11 An affidavit certifying that a copy of the application has been provided to all operators or owners, and surface owners within a one-half mile radius of the proposed injection well.

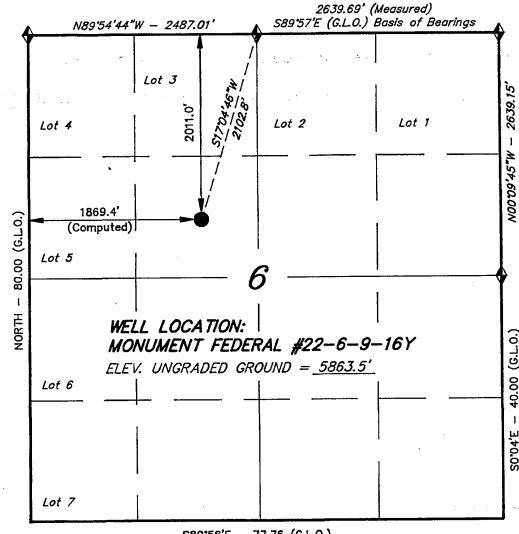
See Attachment C.

2.12 Any other information that the Board or Division may determine is necessary to adequately review the application.

Newfield Production Company will supply any requested information to the Board or Division.



T9S, R16E, S.L.B.&M.



S89°56'E - 77.76 (G.L.O.)

= SECTION CORNERS LOCATED

BASIS OF ELEV; U.S.G.S. 7-1/2 min QUAD (MYTON SW)

EQUITABLE RESOURCES ENERGY CO.

WELL LOCATION, MONUMENT FEDERAL #22-6-9-16Y, LOCATED AS SHOWN IN THE SE 1/4 NW 1/4 OF SECTION 6, T9S, R16É, S.L.B.&M. DUCHESNE COUNTY, UTAH.

THIS IS TO CERTIFY PREPARED FROM MELANOTES MADE BY ME OF UNDER MY KNOWLEDGE AND BELIGIENE

38 WEST 100 NORTH - VERNAL, UTAH 84078 (801) 781-2501

SCALE: 1" = 1000'	SURVEYED BY: G.S. D.S.
DATE: 9-6-96	WEATHER: WARM
NOTES:	FILE #

EXHIBIT B

19/1 **Legal Description Lessor & Expiration Lessee & Operating Rights Surface Owner** Township 9 South, Range 16 East SLM USA **Newfield Production Company** USA Section 6: All UTU-74390 Newfield RMI LLC Section 7: All **HBP** Yates Petroleum Corporation Section 8: W2 Yates Drilling Company Section 17: NW **ABO Petroleum Corporation** Section 18: Lots 1-2, NE, E2NW MYCO Industries, Inc. 2 Township 8 South, Range 16 East SLM **Newfield Production Company** USA USA Section 31: SESW UTU-49950 Newfield RMI LLC **HBP** Township 8 South, Range 16 East SLM USA **Newfield Production Company** USA Section 31: Lots 1-4, NE, E2NW, NESW, UTU-74389 Newfield RMI LLC N2SE, SWSE HBP Yates Petroleum Corporation Yates Drilling Company **ABO Petroleum Corporation** MYCO Industries, Inc. Township 9 South, Range 15 East SLM USA **Newfield Production Company** USA Section 1: All UTU-74826 Newfield RMI LLC Section 3: All **HBP** Section 10: All Section 11: All Section 12: All

ATTACHMENT C

CERTIFICATION FOR SURFACE OWNER NOTIFICATION

RE: Application for Approval of Class II Injection Well Nine Mile #6-6-9-16 I hereby certify that a copy of the injection application has been provided to all surface owners within a one-half mile radius of the proposed injection well. Signed: Newfield Production Company Eric Sundberg Regulatory Analyst Notary Public in and for the State of Colorado:_ My Commission Expires My Commission Expires: 02/10/2013

Nine Mile #6-6-9-16

Spud Date: 11/6/97 Put on Production: 12/17/97 GL: 5841' KB: 5854'

Duchesne Co, Utah API #43-013-31719; Lease #UTU-74390

Wellbore Diagram

Initial Production: 75 BOPD 74 MCFPD, 36 BWPD

SURFACE CASING FRAC JOB CSG SIZE: 8-5/8" 12/7/97 5456'-5474' of 20/40 sand in 573 bbls Delta Frac LDC sand as follows: 121,300# Frac. Treated @ avg press 2600 w/avg flush: 5454 gal. Actual flush: 5364 gal. GRADE: J-55 TOC @ 100 29 bpm, ISIP 2836 psi, Calc WEIGHT:24# 12/9/97 5288'-5330' Frac A sand as follows: 130,300# of 20/40 sand in 622 bbls LENGTH: 8 jts (311.79') Boragel. Treated @ avg press 1950 w/avg rate of 31 bpm. ISIP-2462 psi. Calc flush: 5286 gal. Actual flush; Casing shoe @ 325' DEPTH LANDED: 324,70' KB HOLE SIZE: 12-1/4" 12/11/97 5026'-5104' Frac C/B sands as follows: Frac C/B sands as follows: 114,300# 20/40 sand in 549 bbls Delta 17ac. Breakdown @ 2220 psi. Treated w/avg press of 1880 psi w/avg rate of 28.1 BPM. ISIP 2974 psi. Calc flush: 5024 gal. Actual flush: 4919 gal. CEMENT DATA: 160 sxs Premium cmt, est 1 bbls to surf. 12/13/97 4876'-4884' Frac D sand as follows: 114,300# 20/40 sand in 520 bbls of Delta Frac. Treated @ avg press of 2046 psi w/avg rate of 26.2 BPM. ISIP 2550 psi. Calc flush: 4874 gal. Actual flush: 4778 PRODUCTION CASING CSG SIZE: 5-1/2" GRADE: J-55 9/28/98 Tubing leak. WEIGHT: 15.5# 11/20/98 Stuck plunger. LENGTH: 138 its. (5907.44') 2/11/99 Parted rods. 02/29/00 DEPTH LANDED: 5920.77 Stuck plunger Pump change, Update rod, tubing and down hole details. 11/3/01 HOLE SIZE: 7-7/8" CEMENT DATA: 390 sks Hibond mixed & 350 sks thixotropic 2/23/04 Pump change. Frac CP.5 sands as follows: 17, Frac 17 fluid. Treated @ avg press of 3354 psi w/avg rate of 14.6 BPM. ISIP 2120 psi. Calc flush: 1490 gal. Actual flush: 1428 gal. 12/7/04 5760'-5765" CEMENT TOP AT: 100' per CBL 20/40 sand in 224 bbls Lightning 4602'-4608' **TUBING** 12/7/04 5167-5187 Frac B2 sands as follows: 5,633# SIZE/GRADE/WT .: 2-7/8" / M-50 20/40 sand in 100 bbls Lightning Frac 17 fluid, Scr 4876' - 4884' 12/7/04 4988-4990' 20/40 sand in 194 bbls Lightning Frac D3 sands as follows: NO. OF JOINTS: 182 jts (5724') Frac 17 fluid. Screened out. TUBING ANCHOR: 5734' 12/7/04 4602-4608 Frac PB10 sands as follows 4988'-4990' Frac 17 fluid. Treated @ avg press of 2365 psi w/avg rate of 24.6 BPM. ISIP 20/40 sand in 282 bbls Lightning NO. OF JOINTS: 1 jt (31.30') 5026' -5029 SEATING NIPPLE: 2-7/8" (1.10') 2500 psi, Calc flush; 4600 gal. Actual flush; 4391 gal. SN LANDED AT: 5768.1' 03/22/05 5041' -5043' Pump Change. Update rod detail NO. OF JOINTS: 1 jts. (31.30') 02/17/06 Pump Change. Update rod and tubing 5046'- 5052' TOTAL STRING LENGTH: EOT @ 5801' Parted Rods. Updated rod & tubing 5092'- 5104' 12-7-07 details 1/12/10 Tubing leak. Updated rod and tubing 5167'-5170' 5184'-5187' 5288'- 5300' SUCKER RODS POLISHED ROD: 1-1/2" x 22' SM 5314'- 5325' SUCKER RODS: 1-2' x ¾" pony rod, 1-4' x ¾" pony rod, 1-6'x ¾" pony rod, 1-8' x ¾" pony rod, 97- ¾" guided rods, 70- ¾" sucker rods, 54- ¾" guided rods, 5328'-5330' 6- 11/2" weight bars PUMP SIZE: 2 1/2" x 1 1/2" x 16' x 17' RHAC 5456'-5462' STROKE LENGTH: 76" PERFORATION RECORD PUMP SPEED, SPM: 4 SPM 5467' - 5474' 12/05/97 5467'-5474' 4 ISPF 28 holes 5456'-5462' 12/05/97 4 JSPF 24 holes 12/08/97 5328'-5330' 4 JSPF 8 holes 12/08/97 5314'-5325' 4 JSPF Anchor @ 5734' 12/08/97 5288'-5300' 4 ISPF 48 holes 5092'-5104' 12/10/97 4 JSPF 48 holes 12/10/97 5046'-5052' 4 JSPF 24 holes 5760'-5765' 12/10/97 5041'-5043' 4 JSPF 8 holes 12/10/97 5026'-5029' 4 JSPF 12 holes 4876'-4884' 12/12/97 4 JSPF 32 holes SN @ 5768' 12/06/04 5760'-5765' 4 JSPF 20 holes EOT @ 5801' NEWFIELD 12/06/04 5184'-5187' 4 JSPF 24 holes 12/06/04 5167'-5170' 4 ISPF 24 holes PBTD @ 5878' 12/06/04 4988'-4990' 4 ISPF 8 holes 12/06/04 4602'-4608' 4 JSPF 24 holes Nine Mile #6-6-9-16 SHOE @ 5921' 2011 FNL & 1869 FWL SENW Section 6-T9S-R16E

TD @ 5931'

Nine Mile #14-31-8-16

Spud Date:9-8-98

ut on Production: 10-8-98 GL ? KB ? SURFACE CASING

CSG SIZE: 8-5/8" GRADE: J-55 WEIGHT:24# LENGTH: 6 jts. DEPTH LANDED: 262' GL HOLE SIZE:12-1/4"

CEMENT DATA: 140 sxs Class "G" cmt, est 4.5 bbls to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2" GRADE: J-55 WEIGHT: 15.5# LENGTH: 141 jts.(6065') DEPTH LANDED: 6074' KB HOLE SIZE: 7-7/8"

CEMENT DATA: 280 sk Premium & 330 sxs Class "G"

CEMENT TOP AT:

SIZE/GRADE/WT.: 2-7/8"/6.5#/N-80 NO. OF JOINTS:164 jts.

TOTAL STRING LENGTH:

Injection Wellbore Diagram

Initial Production: 16 BOPD, 23 MCFPD, 20 BWPD

FRAC JOB

10-1-98 5161'-5249' Frac B sand as follows:

111,653# of 20/40 sand in 553 bbls Viking. Perfs broke @ 3830 psi. Treated @ avg rate of 29.5 bpm w/avg press of 1827 psi. ISIP-2100 psi, 5-min 1890 psi. Flowback on 12/64" ck for 3-1/2 hrs &

died

10-3-98 4944'-4952'

Frac D sand as follows: 113,932# 20/40 sand in 551 bbls Viking Perfs broke @ 3580 psi. Treated @ avg rate of 28.2 BPM w/avg press of 2800 psi. ISIP-3100 psi, 5 min 2819 psi. Flowback on 12/64" ck for 3-1/2 hrs &

10-6-98 4438'-4469'

5161'-5163'

5205'-5209'

5236'-5239'

5244'-5249'

4944'-4952'

4438'-4454'

4464'-4469'

4 JSPF

8 holes

16 holes

12 holes

32 holes

64 holes

Frac GB sand as follows: 93,309# 20/40 sand in 487 bbls Viking. Perfs broke @ 3288 psi. Treated w/avg press of 3000 psi w/avg rate of 30 BPM, ISIP-3900 psi, 5 min 3140 psi. Flowback

on 12/64" ck for 4 hrs & died. 11/15/08 5 Year MIT completed and submitted.

TUBING ANCHOR: 5112' SEATING NIPPLE: 2-7/8" (1.10')

SN LANDED AT: 5245'

4464'-69' GB SDS PERFORATION RECORD 9-30-98 9-30-98 4944'-52' D SDS 9-30-98 9-30-98 10-2-98 10-4-98 10-4-98 5161'-63' B SDS 5205'-09' B SDS 5236'-39' B SDS 5244'-49' B SDS SN 5245' EOT 53087

PBTD 6018'

Packer @ 4359'

4438'-54' GB SDS

NEWFIELD

Nine Mile #14-31 660 FSL 1827 FWL SESW Section 31-T8S-R16E Duchesne Co. Utah API #43-013-32015; Lease #UTU-49950

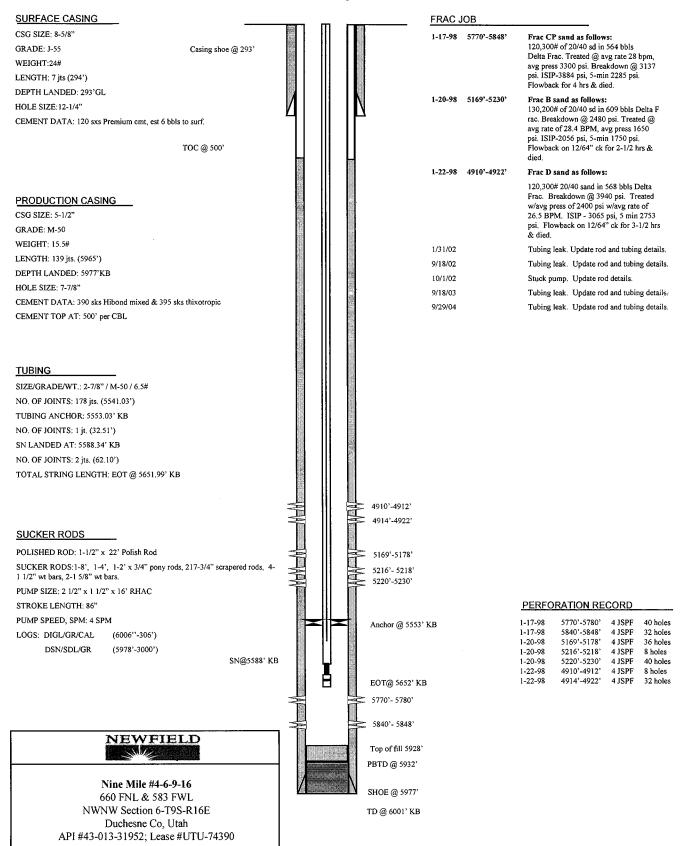


Nine Mile #4-6-9-16

Spud Date: 12/18/97 Put on Production: 1/30/98 GL: 5864' KB: 5876'

Wellbore Diagram

Initial Production: 50 BOPD, 87 MCFPD, 56 BWPD



A Harlim EUTE3

Spud Date: 10/16/97 Put on Production: 12/3/97 GL: 5841' KB: 5853'

Nine Mile #3-6-9-16

Injection Wellbore Diagram

Initial Production: 52 BOPD, 81 MCFPD, 12 BWPD

SURFACE CASING

CSG SIZE: 8-5/8" GRADE: J-55 WEIGHT:24# LENGTH:

DEPTH LANDED: 282,12' GL

HOLE SIZE:12-1/4"

CEMENT DATA: 120 sxs Premium cmt, est? bbls to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2" GRADE: J-55 WEIGHT: 15,5# LENGTH; 138 jts. (5931') DEPTH LANDED: 5944' HOLE SIZE: 7-7/8"

CEMENT DATA: 380 sks Hibond mixed & 335 sks thixotropic

CEMENT TOP AT:

\$IZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#

NO. OF JOINTS: 144 jts PACKER: 4507' KB

TOTAL STRING LENGTH: 4511'

SN LANDED: 4503' KB

FRAC JOB

11/21/97 5770'-5780' Frac CP sand as follows: 95,300# of 20/40 sd in 504 bbls Delta Frac. Treated @ avg rate 28 bpm, avg press 2110 psi. Breakdown @ 3618 psi. ISIP-2612 psi, 5-min 2117 psi. Flowback for 3 hrs & died.

11/23/97 5202'-5206'

Frac B sand as follows: 95,300# of 20/40 sd in 492 bbls Delta Frac Breakdown @ 3401 psi. Treated @ avg rate of 26.4 BPM, avg press 2250 psi. ISIP-2060 psi, 5-min 1866 psi. Flowback on 12/64" ck for 4 hrs & died.

11/26/97 4897'-4904' Frac D sand as follows:

> 95,300# 20/40 sand in 501 bbls Delta Frac. Breakdown @ 2095 psi. Treated w/avg press of 2090 psi w/avg rate of 25.9 BPM. ISIP - 2611 psi, 5 min 2496 psi. Flowback on 12/64" ck for 3-1/2 hrs & died.

11/29/97 4616'-4625'

2/4/09

Frac PB sand as follows:

95,300# 20/40 sand in 479 bbls of Delta Frac. Breakdown @ 2316 psi. Treated @ avg press of 2210 psi w/avg rate of 26BPM. ISIP-2762 psi, 5 min 2551 psi. Flowback on 12/64" ck for 2 hrs & died.

5 Year MIT completed and submitted.

NEWFIELD

Nine Mile #3-6 663 FNL 1728 FWL NENW Section 6-T9S-R16E Duchesne Co, Utah API #43-013-31816; Lease #UTU-74390



20 holes 11/19/97 4 JSPF 8 holes 11/22/97 5202'-5206' 4 JSPF 16 holes 11/25/97 4**8**97'-4904' 4 JSPF -28 holes 11/27/97 4616'-4625' 4 JSPF 36 holes

Fish Top @ 5786' (1-1/2 jts. 2-7/8" J-55 tbg & NC, est 41' total length)

SN @ 4503' KB EOT @ 5511' KB PBTD @ 5904' KB TD @ 5950'

Packer @ 4507'

4616'-25' PB

4897'- 4904' D

5202'-06' B

5770'- 75' CP

5778'- 80' CP

JONAH FEDERAL J-1-9-16

Spud Date: 05/23/07 Initial Production: BOPD, Put on Production: 07/03/07 Wellbore Diagram MCFD, BWPD GL: 5351' KB: 5363' SURFACE CASING FRAC JOB CSG SIZE; 8-5/8" Frac CP5 sands as follows: 09/18/07 6008-6020' GRADE: J-55 85173# 20/40 sand in 485 bbls Lightning 17 frac fluid. Treated @ avg press of 1958 psi w/avg rate of 24.9 BPM. ISIP 2385 psi. Calc Cement Top @ 47 WEIGHT: 24# flush: 6006 gal. Actual flush: 5418 gal. LENGTH: 7 jts. (294.72') DEPTH LANDED: 306,57' KB 09/18/07 5376-5384' Frac LODC sands as follows: 29751# 20/40 sand in 399 bbls Lightning 17 frac fluid. Treated @ avg press of 2224 psi w/avg rate of 24.9 BPM. ISIP 2040 psi. Calc HOLE SIZE:12-1/4" CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls cmt to surf. flush: 5374 gal. Actual flush: 4868 gal. 09/19/07 5138-5160' Frac B1 sands as follows: 148,475# 20/40 sand in 1045 bbl Lightning 17 frac fluid. Treated @ avg press of 1936 psi w/avg rate of 24.8 BPM. ISIP 2255 psi, Calc flush: 5136 gal. Actual flush: 4620 gal. 09/19/07 4834-4864 Frac D1 sands as follows: PRODUCTION CASING 60119# 20/40 sand in 510 bbls Lightning 17 CSG SIZE: 5-1/2" frac fluid. Treated @ avg press of 2040 psi w/avg rate of 24.8 BPM. ISIP 2195 psi. Calc flush: 4858 gal. Actual flush: 4326 gal. GRADE: I-55 WEIGHT: 15.5# 09/19/07 4386-4392' Frac GB6 sands as follows: LENGTH: 160 jts. (6217.25') 29876# 20/40 sand in 356 bbls Lightning 17 frac fluid. Treated @ avg press of 2135 psi w/avg rate of 24.8 BPM. ISIP 1950 psi. Calc DEPTH LANDED: 6230.50' KB HOLE SIZE: 7-7/8" flush: 4384 gal. Actual flush: 4284 gal. CEMENT DATA: 365 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ. 9/21/09 Pump Change. Updated rod & tubing details. CEMENT TOP: 47' TUBING SIZE/GRADE/WT.; 2-7/8" / J-55 / 6.5# NO. OF JOINTS: 190 jts (5954.15') TUBING ANCHOR: 5966.15' KB NO. OF JOINTS: 2 jts (62.96') SEATING NIPPLE: 2-7/8" (1.10') SN LANDED AT: 6031.91' KB 4386-4392 NO. OF JOINTS: 1 jts (31.10') TOTAL STRING LENGTH: EOT @ 6064.56' KB 4834-4841' PERFORATION RECORD 4860-4864 SUCKER RODS 09/14/07 6008-6020' 4 JSPF 48 holes POLISHED ROD: 1-1/2" x 26' SM polished rods 09/18/07 5376-5384' 4 JSPF 32 holes SUCKER RODS:1-2', 1-8' x 7/8" pony rods, 237-7/8" scrapered rods, 4-1 1/2" 09/18/07 5138-5160' 4 ISPF 88 holes 5138-5160 weight rods. 09/19/07 4860-4864' 4 JSPF 16 holes PUMP SIZE: CDI 2-1/2" x 1-1/2" x 16x 20' 'RHAC 09/19/07 4834-4841' 4 JSPF 28 holes 5376-5384' 09/19/07 4386-4392' 4 JSPF 24 holes STROKE LENGTH: 122' PUMP SPEED, 5 SPM: Anchor @ 5966' 6008-60207 SN 6032' NEWFIELD EOT @ 6065' JONAH FEDERAL J-1-9-16 PBTD @ 6235' 823'FNL & 769' FEL PROP BHL: 1323' FNL & 0' FEL NE/NE Section 1,T9S, R16E SHOE @ 6230' Duchesne Co, Utah TD @ 6247'

API #43-013-33571; Lease # UTU-33992

West Point G-6-9-16

Spud Date: 4/25/2009 Put on Production: 6/23/2009

GL: 5866' KB: 5878'

Wellbore Diagram

4396-4398

4435-4440'

4492-4494

5143-5145'

5154-5156

5160-5163°

5245-5251

5560-5563

5614-5617

5874-58**7**8'

5932-5938'

6181-6187' EOT @ 6213'

PBTD @ 6336'

TD @ 6355'

Anchor @ 6146'

Cement top @ 42'

SN @ 6180'

SURFACE CASING

CSG SIZE: 8-5/8" GRADE: J-55 WEIGHT: 24# LENGTH: 8 jts (309.35') DEPTH LANDED: 321.20' KB HOLE SIZE: 12-1/4"

CEMENT DATA: 160 sx class 'G' cmt

PRODUCTION CASING

CSG SIZE: 5-1/2" GRADE: J-55 WEIGHT: 15.5# LENGTH:164 jts (6299.67') DEPTH LANDED: 6351.64'

HOLE SIZE: 7-7/8"

CEMENT DATA: 280 sx premlite II and 400 sx 50/50 poz

CEMENT TOP AT: 42'

TUBING

SIZE/GRADE/WT.: 2-7/8"/ J-55
NO. OF JOINTS: 194 jts (6134.2")
TUBING ANCHOR: 6146.2" KB
NO. OF JOINTS: 1 jts (30.5")
SEATING NIPPLE: 2-7/8" (1.10")
SN LANDED AT: 6179.6" KB
NO. OF JOINTS: 1 jts (31.7")
TOTAL STRING LENGTH: EOT @ 6213"

SUCKER RODS

POLISHED ROD: 1 ½" x 30' polished rod SUCKER RODS: 1-2'x7/8", 1-4'x7/8", 2- 16'x 7/8" pony rods; 241- 7/8" guided rods (8 per), 4-1 ½" weight bars PUMP SIZE: central hydraulic 2 ½" x 1 ½" x 21'x 24' RHAC STROKE LENGTH: 144"

PUMP SPEED, SPM: 5

FRAC JOB

6/24/2009	6181-6187'	Frac CP5 sands as follows: 15,310# 20/40 sand in 126 bbls of Lightnin 17 fluid
6/24/2009	5874-5938'	
6/24/2009	5563-5614'	Frac LODC sands as follows: 15,486# 20/40 sand in 124 bbls of Lightning 17 fluid.
6/24/2009	5245-5251'	Frac B1 sands as follows: 19,339# 20/40 sand in 176 bbls of Lightnin 17 fluid.
6/24/2009	5143-5163'	Frac C sands as follows: 56,003# 20/40 sand in 342 bbls of Lightning 17 fluid.
6/24/2009	4396-4494'	Frac GB4 & GB6 sands as follows: 39,413# 20/40 sand in 256 bbls of Lightning 17 fluid.

PERFORATION RECORD 6181-6187' 4 JSPF 24 holes

5932-5938'	3 JSPF	18 holes
5874-5878'	3 JSPF	12 holes
5614-5617'	3 JSPF	9 holes
5560-5563'	3 JSPF	9 holes
5245-5251'	3 JSPF	18 holes
5160-5163'	3 JSPF	9 holes
5154-5156'	3 JSPF	6 holes
5143-5145'	3 JSPF	6 holes
4492-4494'	3 JSPF	6 holes
4435-4440'	3 JSPF	15 holes
4396-4398'	3 JSPF	6 holes

NEWFIELD

West Point Fed G-6-9-16

1992' FNL & 1870' FWL SE/NW Section 6-T9S-R16E Duchesne Co, Utah API # 43-013-34076; Lease # UTU-74390

Monument Federal 31-6Y-9-16

Spud Date: 11/20/96 Put on Production: 1/2/97

GL: 5855.4' KB: 5865' (10'KB)

SURFACE CASING

CSG SIZE: 8-5/8" GRADE: J-55 WEIGHT:24# LENGTH:

DEPTH LANDED; 260.50' KB

HOLE SIZE:12-1/4"

CEMENT DATA: 160 sxs Class "G" cmt

PRODUCTION CASING

CSG SIZE: 5-1/2" GRADE: J-55 WEIGHT: 15.5# LENGTH:

DEPTH LANDED: 5986,71' KB

HOLE SIZE: 7-7/8"

CEMENT DATA: 310 sks "C" & 435 sks 50/50 Poz

CEMENT TOP AT: 100' per CBL

TUBING

SIZE/GRADE/WT .: 2-7/8" / J-55 / 6.5# NO. OF JOINTS: 152 jts (4870.2') SEATING NIPPLE: 2-7/8" (1.10') SN LANDED AT: 4880.2' KB CE @ 4881.3' TOTAL STRING LENGTH: EOT @ 4889'

Injection Wellbore Diagram

Initial Production:

62 BOPD, 193 MCFPD, 16 BWPD

FRAC JOB

2/05/02

6/10/04

2-14-06

2-14-06

2-15-06

4938'-4954' Frac as follows: Break down w/ 2478 gals 2% KCL water. Frac w/ 8200# 20/40 mesh sand and 20,300# 16/30 mesh sand w/12,684 gals 2% KCL gelled water. ISIP 2160 psi.

5046'-5053'

Frac as Follows: Break down w/ 1764 gals 2% KCL water. Frac w/12,900# 20/40 mesh sand and 32,400# 16/30 mesh sand w/17,472 gals 2% KCL

gelled water. ISIP 2160 psi.

5147'-5155' Frac as follows:

Break down w/1596 gals 2% KCL water. Frac w/12,900# 20/40 mesh sand and 32,400# 16/30 mesh sand w/17,472 gals 2% KCL

gelled water. ISIP 2160 psi.

5342'-5352' Frac as follows:

Break down w/2646 gals 2% KCL water. Frac w/8,600# 20/40 mesh sand and 24,200# 16/30 mesh sand w/13,566 gals 2% KCL

gelled water.

5581'-5591'

Break down w/2394 gals 2% KCL water Frac w/87,000# 20/40 mesh sand and 18,800# 16/30 mesh sand w/14,196 gals 2% KCL

gelled water. ISIP 2450 psi

Tubing leak. Update rod and tubing details. Tubing Leak. Update rod and tubing details.

Re-Completion 2-17-06

5581-5591'

5046-5053

Frac LODC sands as follows: 54817# 20/40 sand in 499 bbls Lightning 17

frac fluid. 13.9 BPM. ISIP 3275 psi.

5342-5352' Frac A1 sands as follows:

55281# 20/40 sand in 472 bbls Lightning 17 frac fluid. 14.1 BPM. ISIP 2400 psi

Frac D3 sands as follows:

27736# 20/40 sand in 324 bbls Lightning 17

frac fluid. 13.9 BPM. Screened out w/23354#

03/05/2010 Convert to Injection well

03/09/2010 MIT Completed - tbg detail updated

Packer @ 4881' EOT @ 4889'

4938'-4944' 4950'-4954'

5046'-5053' Re-perf 2-13-06

5147'- 5155'

5342'-5352' Re-perf 2-13-06

5581'- 5591' Re-perf 2-13-06

PERFORATION RECORD

4938'-4944' 4 JSPF 24 holes 4950'-4954' 4 JSPF 16 holes 5046'-5053' 1 JSPF 7 holes 5147'-5155' 1 JSPF 8 holes 5342'-5352' 4 JSPF 40 holes 5581'-5591' 4 JSPF 40 holes 5581-5591' Reperf 8 JSPF 80holes

5342-5352' Reperf' 8 JSPF 80 holes 5046-5053' Reperf 5 JSPF 35 holes



Monument Federal 31-6Y-9-16

624' FNL & 1926' FEL NW/NE Section 6-T9S-R16E Duchesne Co, Utah

API #43-013-31717; Lease #UTU-74390

West Point Federal I-6-9-16

Spud Date: 8/18/08 Put on Production: 10/14/08 GL: 5801° KB: 5813°

> NWNE Section 6-T9S-R16E Duchesne Co, Utah API #43-013-33897; UTU-74390

Wellbore Diagram

SURFACE CASING FRAC JOB CSG SIZE: 8-5/8" 10/1/08 6046-6058* Frac CP3 sands as follows: GRADE: J-55 Frac with 34001 #'s of 20/40 sand in 392 bbls Lightning 17 fluid. Treat at an ave WEIGHT: 24# pressure of 1850 psi @ 27 BPM. ISIP LENGTH: jts. (332,31') 2130 psi. HOLE SIZE: 12-1/4" 10/1/08 5898-5904 Frac CP.5 sands as follows: Frac with 24026 #'s of 20/40 sand in 362 CEMENT DATA: 160 sxs Class "G" cmt bbls Lightning 17 fluid. Treat at an ave pressure 2154 psi @ 22.6 BPM. ISIP 10/1/08 5436-5452 Frac A1 sands as follows: Frac with 48619 #'s of 20/40 sand in 450 bbls Lightning 17 fluid. Treat at an ave pressure of 2019 psi @ 22.9 BPM. ISIP 2640 psi. 10/1/08 5294-5302' Frac B1 sands as follows: PRODUCTION CASING Frac with 24286 #'s of 20/40 sand in 348 CSG SIZE: 5-1/2" bbls Lightning 17 fluid. Treat at an ave pressure of 2036 psi @ 22.8 BPM. ISIP 2020 psi. GRADE: J-55 WEIGHT: 15.5# 10/2/08 5012-5024 Frac D1 sands as follows: LENGTH: 137 jts. (6436.44') Frac with 39577 #'s 20/40 sand in 413 bbls Lightning 17 fluid. Treat at an ave pressure of 1852 psi @ 22.6 BPM. ISIP HOLE SIZE: 7-7/8" TOTAL DEPTH: 6448' 2066 psi. CEMENT DATA: 400 sk Prem. Lite II mixed & 490 sxs 50/50 POZ. CEMENT TOP AT: 30' TUBING 5012-5024' SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5# NO. OF JOINTS: 196 jts (6023.43') TUBING ANCHOR: 6026,23' NO. OF JOINTS: 1 jts (30.75') SEATING NIPPLE: 2-7/8" (1.10') 5294-53023 SN LANDED AT: 6056.98' KB NO. OF JOINTS: 2 jts (60.37') TOTAL STRING LENGTH: EOT @ 6132.36' w/12' KB 5436-5452' SUCKER RODS POLISHED ROD: 1-1/2" x 26' SUCKER RODS: 1-2', 4' x 7/8" pony rods, 238- 7/8" scrapered rods, 4- 1 1/2" weight rods 5898-5904' PUMP SIZE: 2-1/2" x 1-1/2" x 20' x 21' RHAC pump w/ sm plunger STROKE LENGTH: 122" PUMP SPEED, SPM: 5.5 6046-60583 PERFORATION RECORD Anchor @ 6026' 5012-5024' 4 JSPF 48 holes 5294-5302' 4 JSPF 32 holes SN @ 6057" 5436-5452' 4 JSPF 64 holes 5898-5904' 4 JSPF 24 holes EOT @ 6132' 6046-6058' 4 JSPF 48 holes PBTD @ 6418' **NEWFIELD** SHOE @ 6436' West Point Federal 1-6-9-16 TD @ 6448' 646' FNL & 1893' FEL



Monument Federal #42-6Y-9-16

Put on Production: 8/22/96 GL: 5835' KB: 5845' (10' KB)

1980 FNL & 660 FEL SE/NE Section 6-T9S-R16E Duchesne Co, Utah API #43-013-31645; Lease #UTU-74390

Spud Date: 7/8/96

Wellbore Diagram

Initial Production: 55 BOPD, 0 MCFPD, 0 BWPD

SURFACE CASING FRAC JOB CSG SIZE: 8-5/8" 7-30-96 5382'-5594' Frac sand as follows: GRADE: J-55 95,700# of 20/40 sd and 215,440# 16/30 sd w/87,612 gals 2% KCL water. Treated WEIGHT:24# @ avg rate 60.5 bpm, avg press 2800 psi. Breakdown @ 3137 psi. ISIP-2600 psi, LENGTH: 5 jts (242.22') DEPTH LANDED: 252,22' KB 5-min 1900 psi. Cement top @ 460' 8-07-96 4871'-4890' Frac sand as follows: HOLE SIZE: 12-1/4" 53,014# of 16/30 sd w/20,016 gals 2% CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls to surf. KCL water. Treated @ avg rate of 31.8 BPM, avg press 2450 psi. ISIP-2200 psi, 5-min 1950 psi. 8-07-96 4310'-4426' Frac sand as follows: 48,800# 16/30 sand w/25,704 gals 2% KCL water. Treated w/avg press of 2900 psi w/avg rate of 30,8 BPM, ISIP-1900 PRODUCTION CASING psi, 5 min 1760 psi. CSG SIZE: 5-1/2' 9/19/01 Tubing job. Update rod and tubing details. GRADE: J-55 03-17-03 5824'-5845' Frac CP2 sand as follows: WEIGHT: 15.5# 65,300# 20/40 sand in YF 125 fluid. Treated w/avg press of 3875 psi w/avg rate of 16.5 LENGTH: 142 jts. (5967.34') BPM. ISIP-2275 psi. Actual Flush:1439 gals. DEPTH LANDED: 5977.34' KB Calc. Flush: 1515 gals. HOLE SIZE: 7-7/8" 03-17-03 5240'-5246' Frac A .5 sands as follows: 19,560# 20/40 sand in YF 125 fluid. CEMENT DATA: 395 sks Super "G" & 435 sks 50/50 Poz Treated w/avg press of 4916 psi w/ avg rate of CEMENT TOP AT: 460' 15.2 BPM. Zone screened off 14 bbls. into flush. ISIP 4916 03-18-03 5082'-5096' Frac B .5 sands as follows: 44,833# 20/40 sand in 275 Bbls YF 125 fluid. 4310'-4320' Treated w/avg press of 3919 psi w/ avg rate of TUBING 17.3 BPM. ISIP-2440 psi, ActualFlush:1217 4413'-4416' gals. Calc. Flush:1314 gals. SIZE/GRADE/WT .: 2-7/8" / J-55 / 6,5# 4421'-4426' 03-18-03 4612'-4615' Frac PB10 sands as follows: NO. OF JOINTS: 181 jts. (5734.17') 18,989# 20/40 sand in 139 bbls YF 125 fluid. Treated w/avg press of 3664 psi w/avg rate of 4612'-4615' TUBING ANCHOR: 5744.17' 14 BPM, ISIP-2396 psi. Actual Flush:1059 NO. OF JOINTS: 1 jt. (33.07') gals. Calc. Flush: 1210 gals. SEATING NIPPLE: 2-7/8" (1.10') 4871'-4876' 2/2/04 Tubing leak. Update rod and tubing details. SN LANDED AT: 5780.04' KB 4882'-4890' 03/19/07 Pump Change, Update rod and tubing details. NO. OF JOINTS: 1 it. (31.52') TOTAL STRING LENGTH: EOT @ 5817.11' PERFORATION RECORD 5082'-5096' 5588'-5594' 7-29-96 1 JSPF 6 holes 7-29-96 5555'-5565' 1 JSPF 10 holes 5240'-5246' 7-29-96 5520'-5530' 10 holes SUCKER RODS 7-29-96 5485'-5495' 1 JSPF 10 holes 7-29-96 5450'-5460' 1 ISPF 10 holes POLISHED ROD: 1-1/4" x 22' SM 7-29-96 5403'-5408' 1 JSPF 5 holes 5382'-5396' SUCKER RODS: 5-1 1/2" weight bars; 1-1 5/8" weight bar; 80-3/4" scrapered 7-29-96 5382'-5396' 5403'-5408 rods; 46-3/4" plain rods; 99-3/4" scrapered rods; 2-4', x 3/4" pony rods. 8-06-96 4871'-4876' 4 JSPF 20 holes 5450'-5460' 8-06-96 4882'-4890' 4 JSPF 32 holes PUMP SIZE: 2 1/2" x 1 1/2" x 14' RHAC 8-07-96 4421'-4426' 3 holes 5485'- 5495' STROKE LENGTH: 74" 8-07-96 4413'-4416' 3 holes 5520'-5530' 8-07-96 4310'-4320' 8 holes PUMP SPEED, SPM: 4.5 SPM 03-14-03 5824'-5845' 4 JSPF 5555'- 5565' 84 holes 03-14-03 5240'-5246' 4 JSPF 24 holes 5588'- 5594' 5082'-5096' 03-14-03 4612'-4615' 4 JSPF Anchor @ 5744 SN @ 5780' KB 5824'-5845' EOT @ 5860' NEWFIELD PBTD @ 5932' SHOE @5977' Monument Federal #42-6-9-16Y

TD @ 6000'

Initial Production: 263 BOPD

Nine Mile #5-6-9-16

Spud Date: 12/14/97 Put on Production: 1/17/98 GL: 5882' KB: 5894'

SURFACE CASING

CSG SIZE: 8-5/8" GRADE: J-55 WEIGHT:24# LENGTH: 291' DEPTH LANDED: 292' HOLE SIZE:12-1/4"

CEMENT DATA: 140 sxs Premium cmt, est 8 bbls to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2" GRADE: J-55 WEIGHT: 15.5# LENGTH: 140 jts. (5925') DEPTH LANDED: 5937' HOLE SIZE: 7-7/8"

CEMENT DATA: 390 sks Hibond mixed & 375 sks thixotropic

CEMENT TOP AT:

TUBING

SIZE/GRADE/WT.: 2-7/8" / M-50 / 6.5# NO. OF JOINTS: 155 jts (4838') SN LANDED AT: 4850' PACKER: 4851' TOTAL STRING LENGTH: EOT 4858' Injection Wellbore 196 MCFPD, 9 BWPD Diagram FRAC JOB 1/6/98 5751'-5759' Frac CP sand as follows: 95.300# of 20/40 sd in 509 bbls Delta Frac. Treated @ avg rate 28.3 bpm, avg press 2000 psi. Breakdown @ 3129 psi. ISIP-2268 psi, 5-min 1884 psi. Flowback for 4 hrs & died. 1/9/98 5338'-5372' Frac A sand as follows: 105,400# of 20/40 sd in 538 bbls Delta Frac. Breakdown @ 2051 psi. Treated @ avg rate of 35.2 BPM, avg press 2051 psi. ISIP-2822 psi, 5-min 2577 psi. Flowback on 12/64" ck for 2-1/2 hrs & died. 1/11/98 5103'-5208' Frac B sand as follows: 124.300# 20/40 sand in 580 bbls Delta Frac. Breakdown @ 1712 psi. Treated w/avg press of 1600 psi w/avg rate of 32.5 BPM. ISIP - 3165 psi, 5 min 2712 psi. Flowback on 12/64" ck for 3 hrs 1/14/98 4933'-5046' Frac D/C sand as follows: 131.300# 20/40 sand in 597 bbls of Delta Frac. Breakdown @ 1358 psi. Treated @ avg press of 1900 psi w/avg rate of 35.3 BPM. 1SIP-2893 psi, 5 min 2551 psi. Flowback on 12/64" ck for 3 hrs & 7/12/01 Performed MIT on well. Mr. Ingram w/ DOGM was not able to witness the test, will be sent chart. 6/27/06 5 Year MIT completed and submitted. Packer @ 4851' EOT @ 4858' 4933'-44' D/C SDS 4997'-5005' D/C SDS 5039'-46' D/C SDS 5103'-06' B SDS 5118'-23' B SDS 5136'-45' B SDS 5147'-56' B SDS 5204'-08' B SDS 5338'- 40' A SDS 5342'-52' A SDS 5369'-72' A SDS PERFORATION RECORD 1/4/08 5751'-5753' 4 JSPF 8 holes 5755'-5759' 1/4/98 4 JSPF 16 holes 1/8/98 5338'-5340' 4 JSPF 8 holes 1/8/98 5342'-5352' 4 ISPF 40 holes = 5751'- 53' CP SDS 1/8/98 5369'-5372' 4 ISPF 12 holes 5755'- 59' CP SDS 1/10/98 5103'-5106 4 JSPF 12 holes 1/10/98 5118'-5123' 4 JSPF 20 holes 1/10/98 5136'-5145' 4 JSPF 36 holes 1/10/98 5147'-5156' 4 JSPF 36 holes 1/10/98 5204'-5208' 4 JSPF 16 holes 4933'-4944' 1/13/98 4 JSPF 44 holes PBTD @ 5890'

TD @ 5950'

1/13/98

4997'-5005'

1/13/98 5039'-5046'

4 JSPF

32 holes

4 JSPF 28 holes



Nine Mile #5-6-9-16 1923 FNL & 695 FWL SWNW Section 6-T9S-R16E Duchesne Co, Utah API #43-013-31953; Lease #U-74390

Monument Federal #32-6-9-16Y

Put on Production: 5/7/97

Spud Date: 3/27/97

GL: 5885.31

SURFACE CASING

CSG SIZE: 8-5/8" GRADE: J-55 WEIGHT:24# LENGTH:? DEPTH LANDED: ? HOLE SIZE:12-1/4"

CEMENT DATA: ? sxs Class "G" cmt, est ? bbls to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2" GRADE: J-55 WEIGHT: 15.5# LENGTH: 6332.95 DEPTH LANDED: 6342.95' HOLE SIZE: 7-7/8"

CEMENT DATA: 175 sks Premium & 450 sks 50/50 Poz

CEMENT TOP AT: 2500'

TUBING

SIZE/GRADE/WT .: 2-7/8" / M-50 / 6.5# NO. OF JOINTS: 157 jts (4875' KB) PACKER: 4876'

TOTAL STRING LENGTH: 4885 SN LANDED AT: 4872

Injection Wellbore Diagram FRAC JOB **4390'-95'** 4428'-31' 4654'-64' Packer @ 4876' = 4914'-22' **4924'-32' 5321'- 26' 5558'-65'** 5587'-91' 5594'- 98' EOT @ 4885' PBTD @ 5302'

TD @ 6365'

Initial Production: 5 BOPD, 100 MCFPD, 2 BWPD

4-21-97 5558'-5598' Frac as follows:

Break down w/ 2940 gals 2% KCL water Frac w/ 13,500# 20/40 mesh sand and 36,300# 16/30 mesh sand w/17,136 gals 2% KCL gelled water. ISIP-2300 psi. ATP-2300 psi and ATR-31.4 BPM.

4-23-97 5321'-5326' Frac as follows:

Break down w/ 2688 gals 2% KCL water Frac w/4500# 20/40 mesh sand and 13,300# 16/30 mesh sand w/10,794 gals 2% KCL gelled water. ISIP-2200 psi, 5 min 1900 psi. ATP-2300 psi and ATR-20.5 BPM.

4-25-97 4654'-4664'

Frac w/27,300# 16/30 mesh sand w/12,180 gals 2% KCL gelled water ATP-2400 psi and ATR-24.9 BPM ISIP-2750 psi, 5 min 2260 psi

4-28-97 4390'-4431' Frac as follows:

Break down w/1848 gals 2% KCL water Frac w/23,700# 16/30 mesh sand w/10,960 gals 2% KCL gelled water ATP-2850 psi and ATR-28 BPM. ISIP-2300 psi, 5 min 1791 psi

2-5-00 4914'-4932' Break perfs as follows:

Break down perfs @ 1800 psi. Begin injecting into D sands @ 100 BPD

PERFORATION RECORD

4-18-97	5558'-5565'	4 JSPF	28 holes
4-18-97	5587'-5591'	4 JSPF	16 holes
4-18-97	5594'-5598'	4 JSPF	16 holes
4-23-97	5321'-5326'	4 JSPF	20 holes
4-25-97	4654'-4664'	4 JSPF	40 holes
4-28-97	4390'-4395'	4 JSPF	20 holes
4-28-97	4428'-4431'	4 JSPF	12 holes
2-5-00	4924'-4932'	4 JSPF	32 holes
2-5-00	4914'-4922'	4 JSPF	32 holes

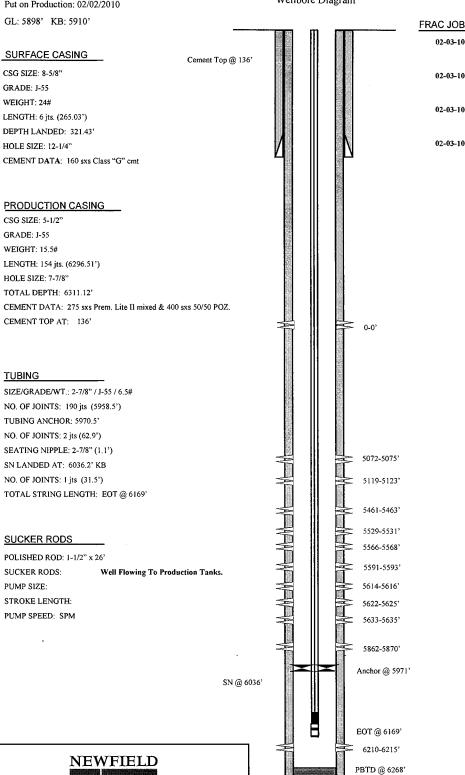


Monument Federal #32-6-9-16Y 2229 FNL 1792 FEL NENW Section 6-T9S-R16E Duchesne Co., Utah API #43-013-31300; Lease #UTU-74390

West Point Federal N-6-9-16

Spud Date: 12/29/2009 Put on Production: 02/02/2010

Wellbore Diagram



West Point Federal N-6-9-16 2030' FSL & 545' FWL (NW/SW) Section 6, T9S, R16E Duchesne Co, Utah API # 43-013-34077; Lease # UTU-74390

RAC JUB		
02-03-10	6210-6215'	Frac CP5 sands as follows: Frac with 10747# 20/40 sand in 89 bbls Lightning 17 fluid.
02-03-10	5862-5870*	Frac CP.5 sands as follows: Frac with 20180# 20/40 sand in 174 bbls Lightning 17 fluid.
02-03-10	5461-5635'	Frac A3 & LODC sands as follows: Frac with 150746# 20/40 sand in 937 bbls Lightning 17 fluid.
02-03-10	5013-5123'	Frac D2, D3, & C sands as follows: Frac with 54111# 20/40 sand in 332 bbls Lightning 17 fluid.

PERFORATION RECORD 6210-6215' 3 JSPF 5862-5870' 3 JSPF 24 holes 5633-5635' 3 JSPF 6 holes 5622-5625' 3 JSPF 9 holes 5614-5616' 3 JSPF 6 holes 5591-5593' 3 JSPF 6 holes 5566-5568' 3 JSPF 6 holes 5529-5531' 3 JSPF 5461-5463' 3 JSPF 6 holes 5119-5123' 3 JSPF 12 holes 5072-5075' 3 JSPF 9 holes 5013-5019' 3 JSPF 18 holes

TD @ 6320'

Attachmenters

West Point #12-6-9-16

Spud Date: 10/26/2000 Put on Production: 2/10/2001 GL: 5895' KB: 5905'

NW/SW Section 6-T9S-R16E

Duchesne Co, Utah

API #43-013-31765; Lease #UTU-74390

Wellbore Diagram

Initial Production: 103.4 BOPD, 43.7 MCFD, 69.1 BWPD

SURFACE CASING FRAC JOB CSG SIZE: 8-5/8" 2/01/01 5938'-5976 Frac CP-4 sands as follows: Frac with 73,750# 20/40 sand in 590 GRADE: I-55 bbls Viking I-25 fluid. Perfs broke down WEIGHT: 24# @ 4059 psi. Treat at 1950 psi @ 28 LENGTH: 7 jts. (301.97') BPM. ISIP 2400 psi. HOLE SIZE:12-1/4" 2/01/01 5756'-5658' Frac CP/LDC sands as follows: Frac with 140,500# 20/40 sand in 941 CEMENT DATA: 155 sxs Class "G" cmt bbls Viking I-25 fluid. Treated at avg. 2480 psi @ 30.4 BPM. ISIP 2350 psi, flow back on 12/64 choke @ I BPM for 5.5 hrs then died. Frac LDC-2 sands as follows: 2/02/01 5472'-5530' Frac with 200,000# 20/40 sand in 1311 bbls Viking I-25 fluid. Perfs broke down @ 3983 psi. Treated @ 2340 psi at 30.6 BPM, ISIP 2351 psi. Flow back on 12/64" choke at 1 BPM, flowed for 8 hrs. PRODUCTION CASING CSG SIZE: 5-1/2' 5407'-5240' Frac A sands as follows: GRADE: J-55 4286-4296 Frac with 65,500# 20/40 sand in 267 WEIGHT: 15.5# bbls Viking I-25 fluid. ISIP 3250 psi. LENGTH: 139 jts. (5998,59') 4343-4350 2/06/01 4990'-5142' Frac C- B-2 sands as follows: Frac with 137,000# 20/40 sand in 566 HOLE SIZE: 7-7/8" bbls Viking I-25 fluid. Flow back at 1 TOTAL DEPTH: 5998' BPM for 2.5 hours 4572-4584 CEMENT DATA: 275 sk Prem. Lite II mixed & 550 sxs 50/50 POZ. 11/16/01 Install gas anchor. Update rod and tubing details. CEMENT TOP AT: ? per CBL 4990'-4995 06/29/04 Parted Rods. Update Tubing and rod 5006'-5010 12/16/04 5125-5142' Frac re-existing B2 sands as follows: 49,670# 20/40 sand in 406 bbls Lightning **TUBING** 17 fluid. Treated @ avg press of 3675 psi 5125'-5142' w/ avg rate of 14.3 BPM. ISIP 1650 psi. SIZE/GRADE/WT.: 2 7/8" / J-55 / 6.5# Calc flush: 1318 gal. Actual flush: 1264 NO. OF JOINTS: 176 jts (5704.10') gal. 5233'-5240' 12/17/04 4572-4584 NO. OF JOINTS: 2 jts (65.15') Frac PB10 sands as follows: 44,350# 20/40 sand in 394.5 bbls Lightning TUBING ANCHOR: 5779,25' KB 17 fluid. Treated @ avg press of 2208 psi w/avg rate of 24.2 BPM. ISIP 2520 psi. NO. OF JOINTS: 1 jt (32,60') 5355'-5358' Calc flush: 4570 gal. Actual flush: 4359 SEATING NIPPLE: 2 7/8" (1.10') gal. SN LANDED AT: 5814 65' KB Frac GB6 sands as follows: 12/17/04 4343-4350 5407'-5412' 23,969# 20/40 sand in 261 bbls Lightning NO. OF JOINTS: 1 it (32.48') 17 fluid. Treated @ avg press of 2331 psi TOTAL STRING LENGTH: EOT @ 5848.68' w/avg rate of 24.6 BPM. ISIP 2160 psi. 5472'-5510' Calc flush: 4341 gal. Actual flush: 4120 gal. SUCKER RODS 5526'-5530' 12/17/04 4286-4296 Frac GB4 sands as follows: 47,954# 20/40 sand in 402 bbls Lightning POLISHED ROD: 1 1/2" x 22' 17 fluid. Treated @ avg press of 2405 psi SUCKER RODS: 4-1 1/2" weight rods, 20 -3/4" scraper rods, 118 - 3/4" plain w/ avg rate of 24.5 BPM. ISIP 2575 psi. rods, 90 - 3/4" scraper rods, 1-4'x 3/4" pony rod. Calc flush: 4284 gal. Actual flush: 4284 5653'-5658' PUMP SIZE: 2 1/2" x 1 1/2" x 14' RHAC gal. STROKE LENGTH: 75" 5662'-5676' PUMP SPEED, SPM: 7 spm LOGS: Dual Laterlog, GR, SP, Spectral Density-Dual Spaced Neutron, CBL 5756'-5762' PERFORATION RECORD 4990'-4995' 4 ISPF 36 holes Anchor @ 5779' 5006'-5010' 4 JSPF 124 holes 5125'-5142' 4 JSPF 36 holes 5233'-5240 4 JSPF 64 holes SN @ 5815' 5355'-5358' 4 JSPF 20 holes 5407'-5412' 4 JSPF 36 holes EOT @ 5849' 5472'-5510' 4 JSPF 36 holes 5526'-5530' 4 JSPF 5938'-5950' 124 holes 5653'-5658' 4 JSPF 36 holes NEWFIELD 5662'-5676' 5972'-5976' 4 JSPF 64 holes 304 5756'-5762' 4 JSPF 20 holes PBTD @ 5978' 5938'-5950' 4 JSPF 36 holes 5972'-5976' 4 JSPF 36 holes West Point #12-6-9-16 12/16/04 4572-4584 4 JSPF 48 holes SHOE/TD @ 5999' 12/17/04 4343-4350 4 JSPF 28 holes 532' FWL & 1994' FSL 12/17/04 4286-4296 4 JSPF 40 holes

Attach went E-13

Nine Mile 11-6-9-16

Spud Date: 10/23/97 Put on Production: 12/17/97 GL: 5889' KB: 5901'

SURFACE CASING

CSG SIZE: 8-5/8" GRADE: J-55 WEIGHT:24# LENGTH: 293' DEPTH LANDED: 294' GL HOLE SIZE: 12-1/4"

CEMENT DATA: 120 sxs Premium cmt, est 4 bbls to surf.

PRODUCTION CASING

GRADE: J-55 WEIGHT: 15.5# LENGTH: 141 jts. (6024') DEPTH LANDED: 6036' HOLE SIZE: 7-7/8"

CSG SIZE: 5-1/2"

CEMENT DATA: 360 sks Hibond mixed & 325 sks thixotropic

CEMENT TOP AT:

TUBING

SIZE/GRADE/WT.: 2-7/8" / M-50 / 6.5#
NO. OF JOINTS: 160 jts (4986.92')
SN LANDED AT: 5781'
CE @ 5000.02'
TOTAL STRING LENGTH: 5007.02'

Injection Wellbore Diagram 11/18/99 Packer @ 5000' EOT @ 5007' 5119'- 22' 5277'-79' 5286'-88' 5292'-96' 5307'- 14' 5408'-12' 5416'- 24' 5533'-58' 5754'- 60' PBTD @ 5992' TD @ 6050'

Initial Production: 57 BOPD, 89 MCFPD, 9 BWPD

FRAC JOB

12/7/97 5754'-5760' Frac CP sand as follows:
95,300# of 20/40 sd in 513 bbls
Delta Frac Treated @ avg rate 26 2 bpl

Delta Frac. Treated @ avg rate 26.2 bpm, avg press 2250 psi. Breakdown @ 3652 psi. ISIP-2393 psi, 5-min 2117 psi. Flowback for 3-1/2 hrs & died.

12/10/97 5533'-5558' Frac LDC sand as follows: 104,300# of 20/40 sd in 543 bbls Boragel.

Breakdown @ 2800 psi. Treated @ avg rate of 27.9 BPM, avg press 2650 psi.

ISIP-3293 psi, 5-min 2374 psi. Flowback on12/64" ck for 4 hrs & died.

12/12/97 5277'-5424' Frac A sand as follows:

127,000# 20/40 sand in 618 bbls Delta Frac. Breakdown @ 2252 psi. Treated w/avg press of 1700 psi w/avg rate of 35 BPM. ISIP - 2235 psi, 5 min 1936 psi. Flowback on 12/64" ck for 3 hrs & died.

12/14/97 5119'-5122' Frac B sand as follows:

88,300# 20/40 sand in 471 bbls of Delta Frac. Breakdown @ 3202 psi. Treated @ avg press of 2550 psi w/avg rate of 25.4 BPM. ISIP-2772 psi, 5 min 1930 psi. Flowback on 12/64" ck for 2-1/2 hrs

& died.

Convert to Injection well

11/23/99 MIT completed - thg detail updated

PERFORATION RECORD

12/6/97	5754'-5760'	4 JSPF	24 holes
12/9/97	5533'-5558'	4 JSPF	100 hole
12/11/97	5277'-5279'	4 JSPF	8 holes
12/11/97	5286'-5288'	4 JSPF	8 holes
12/11/97	5292'-5296'	4 JSPF	16 holes
12/11/97	5307'-5314'	4 JSPF	28 holes
12/11/97	5408'-5412'	4 JSPF	16 holes
12/11/97	5416'-5424'	4 JSPF	32 holes
12/13/97	5119'-5122'	4 JSPF	12 hole



Nine Mile 11-6-9-16 1938 FSL 1756 FWL NESW Section 6-T9S-R16E Duchesne Co, Utah API #43-013-31812; Lease #UTU-74390

Affachment E-14

Monument Federal #33-6-9-16Y

Put on Production: 7/10/96

Spud Date: 6/4/96

Wellbore Diagram

Initial Production: BOPD, MCFPD, BWPD

GL: 5867' KB: 5877 SURFACE CASING FRAC JOB CSG SIZE: 8-5/8" 6-26-96 4845'-4859' 12,6600 gal 2% KCL wtr, GRADE: J-55 37280 lbs 16/30 ss. ATP 2100 psi, ATR 19.4 bpm, screen out w/29.229 llbs ss WEIGHT:24# on formation flow back 110 bbls wtr. LENGTH: 6 its (252') 2/27/02 Rod job. Update rod and tubing details. DEPTH LANDED: 262' Top of cement 226' 11/18/04 5734-5742' Frac CP.5 sands as follows: HOLE SIZE:12-1/4" 24,608#'s 20/40 sand in 239 bbls Lightning CEMENT DATA: 160 sxs Class "G" cmt, 2% CaCl2, 1/4#/sx cello flake Frac 17 fluid, Treated @ ave press of 3381 w/avg rate of 14.4 BPM. ISIP 1880 psi. Calc flush: 5732 gal. Actual flush: 1374 gal. 11/19/04 5256-5268 Frac A1 sands as follows: 4,500#'s (designed for 20,000#) 20/40 sand in 80 bbls Lightning Frac 17 fluid. Treated @ ave press of 3600 w/avg rate of 14.4 BPM. PRODUCTION CASING ISIP 7850 psi. Screen out. CSG SIZE: 5-1/2" 11/19/04 4845-4859 Frac D1 sands as follows: GRADE: J-55 50,151#'s 20/40 sand in 405 bbls Lightning Frac 17 fluid. Treated @ ave press of 5630 w/avg rate of 13.8 BPM. ISIP 5560 psi. 4406-4412 WEIGHT: 15,5# LENGTH: 147 jts. (6070') DEPTH LANDED: 6080' 11/22/04 4406-4412 Frac GB6 sands as follows: 19,962#'s 20/40 sand in 240 bbls Lightning HOLE SIZE: 7-7/8" Frac 17 fluid. Treated @ ave press of 2396 CEMENT DATA: 390 sks Super "G", 3% salt, 2% gel, 2#/sx kol-seal, w/avg rate of 24.4 BPM. ISIP 1840 psi. 1/4#/sx cello flake. Tail w/290 sxs 50/50 poz, 2% gel, 1/4#/sx kol-seal. Calc flush: 4404 gal. Actual flush: 3481 gal. Stuck pump. Updated rod & tubing details. CEMENT TOP: 226' 9-17-08 4845 - 4853' reperfed TUBING 4854 - 4859' reperfed SIZE/GRADE/WT.: 2-7/8" / J-55 NO. OF JOINTS: 185 jts. (5752.41') TUBING ANCHOR: 5762.41' KB NO. OF JOINTS: 1 jts. (32.49') SN LANDED AT: 5797.70' KB NO. OF JOINTS: 1 jt. (30,13') TOTAL STRING LENGTH: EOT @ 5829.38' w/ 10' KB SUCKER RODS 5256-52603 C 5262-5268° POLISHED ROD: 1-1/2" x 22' SM SUCKER RODS: 6 - 1 1/2" wt rods, 36-34" guide rods (Btm 25 New), 90 - 3/4" slick rods, 100 - 3/4" guide rods (Top 12 New), 1-6' x 3/4" pony rods. PUMP SIZE: 2-1/2" x 1-1/2" x 12 x 16" RHAC STROKE LENGTH: 85' PERFORATION RECORD PUMP SPEED, SPM: 4 SPM 6/25/96 32 holes 6/25/96 4854'-4859' 4 SPF 20 holes 5734-5742' 11/17/04 4 JSPF 5734-5742 32 holes 11/17/04 5262-5268 4 JSPF 24 holes Anchor @ 5762' 11/17/04 5256-5260' 4 JSPF 16 holes 11/17/04 4854-4859 4 JSPF 20 holes (reperfed) 11/17/04 4845-4853 4 JSPF 32 holes (reperfed) SN @ 5798' 11/17/04 4406-4412 4 JSPF 24 holes EOT @ 5829' NEWFIELD Shille PBTD @ 6042'

TD @ 6100'



Monument Federal #33-6-9-16Y

1850' FSL & 1850' FEL NW/SE Section 6-T9S-R16E

Duchesne Co, Utah

API #43-013-31589; Lease #U-74390

Spud Date: 3/4/98 P & A on 3/1/7/98 GL: 5943' KB: 5955'

SURFACE CASING

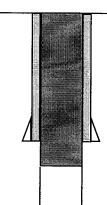
CSG SIZE: 8-5/8" GRADE: J-55 WEIGHT:24# LENGTH:

DEPTH LANDED: 286' HOLE SIZE:12-1/4"

CEMENT DATA: 135 sxs Premium cmt, est ? bbls to surf.

Nine Mile #14-6

Wellbore Diagram



145 sx Premium cmt, 350' to surface

60 sx Premium cmt, 1150'-1250'

90 sx Premium cmt, 1650'-1850'

NEWFIELD
Nine Mile #14-6

781 FSL 2074 FWL SESW Section 6-T9S-R16E Duchesne Co, Utah API #43-013-31999; Lease #UTU-74390 110 sx Premium cmt, 5700'-5900'

TD @ 5950'

Ashley Federal #8-1-9-15

Spud Date: 6/01/97 Initial Production: 163 BOPD, Put on Production: 7/16/97 246 MCFPD, 8 BWPD Wellbore Diagram GL: 5888' KB: 5900' SURFACE CASING FRAC JOB CSG SIZE: 8-5/8" 7-3-97 5733'-5813' Frac CP sand as follows: 109,700# of 20/40 sand in 548 bbls of Boragel. GRADE: J-55 Treated @ avg rate of 28.3 bpm w/avg press of WEIGHT: 24# 1650 psi. ISIP-2230 psi. Calc. flush: 5733 gal. LENGTH: 7 jts. (295,54') Actual flush: 5648 gal. DEPTH LANDED: 293,34' GL 7-8-97 5458'-5475' Frac A sand as follows: 122,700# of 20/40 sand in 598 bbls of Boragel HOLE SIZE: 12-1/4 Treated @ avg rate of 32.4 bpm w/avg press of CEMENT DATA: 120 sxs Premium cmt, est 5 bbls to surf. 2360 psi. ISIP-2870 psi. Calc. flush: 5458 gal. Actual flush: 5365 gal. 4373'-4381' 7-10-97 5083'-5291' Frac B & A sands as follows: 129,300# of 20/40 sand in 666 bbls of Boragel. Treated @ avg rate of 35 bpm w/avg press of 2100 psi. ISIP-2124 psi. Calc. flush: 5083 gal. Actual flush: 5005 gal. 7-12-97 4862'-4925' Frac D sand as follows: PRODUCTION CASING 110,500# of 20/40 sand in 556 bbls of Boragel, Treated @ avg rate of 34 BPM w/avg press of 2800 psi. ISIP-3581 psi. Calc. flush: 4862 gal. CSG SIZE: 5-1/2" GRADE: J-55 Actual flush: 4780 gal. 4862'-4873' WEIGHT: 15.5# 2/13/02 Tubing leak. Update rod and tubing details. 4913'-4925' LENGTH: 146 jts. (6227.54') 4/25/03 5112'-5128' Frac B1 sands as follows: DEPTH LANDED: 6223' KB 49,928# of 20/40 sand in 406 bbls Viking I-25 fluid. Treated @ avg press of 3980 psi with avg rate of 17.4 bpm. ISIP: 2150psi. Calc flush: HOLE SIZE: 7-7/8" 5083'-5085' CEMENT DATA: 380 sxs Hibond mixed & 370 sxs thixotropic 1,288 gal. Actual flush: 1176 gal. CEMENT TOP AT: 4/25/03 4373'-4381' Frac GB6 sands as follows: 19,789# 20/40 sand in 230 bbls Viking I-25 fluid. 5112'-5128' Treated @ avg press of 2455 psi with avg rate of 28.3 bpm. ISIP: 2520 psi. Calc flush: 4371 gal. 5154'-5159' Actual flush: 4284 gal. TUBING Pump Change. Update rod detail. 5173'-5178' 5181'-5183' Pump Change. Updated rod & tubing details. SIZE/GRADE/WT.: 2 7/8" / M -50 / 6.5# NO. OF JOINTS: 184 jts (5749.40') TUBING ANCHOR: 5761.40' KB 5287'-5291' NO. OF JOINTS: 2 jts (61.38') SEATING NIPPLE: 2 7/8" (1.10') SN LANDED AT: 5825.18' KB NO OF JOINTS: 2 its (63-15') TOTAL STRING LENGTH: EOT @ 5890.18' KB SUCKER RODS PERFORATION RECORD POLISHED ROD: 1 1/2" x 22' SM 7/02/97 5733'-5744' 4 JSPF 44 holes SUCKER RODS: 6-1 1/2" weight rods; 20-3/4" scrapered rods; 107-3/4" plain 5800'-5802' 7/02/97 4 ISPF 8 holes 5733'-5744' rods, 99-3/4" scrapered rods 7/02/97 5808'-5813' 20 holes 4 JSPF 5458'-5464' 7/04/97 4 JSPF PUMP SIZE: 2 1/2" x 1 1/2" x 14'x 18' RHAC Anchor @ 5761' 7/04/97 5467'-5475' 4 ISPE 32 holes STROKE LENGTH: 56" 7/09/97 5287'-5291' 4 ISPE 16 holes 5181'-5183' 7/09/97 4 JSPF 8 holes PUMP SPEED, SPM: 5 SPM 5800'-5802' 7/09/97 5173'-5178' 4 JSPF 20 holes 5808'-5813' 7/09/97 5154'-5159' 4 JSPF 20 holes 5083'-5085' SN @ 5825' 7/09/97 4 JSPF 8 holes 7/11/97 4913'-4925' 4 JSPF 48 holes 4862'-4873' 4 JSPF 44 holes 4/23/03 4373'-4381' 4 JSPF EOT @ 5890' 4/23/03 5112'-5128' 4 JSPF 16 holes Top of fill @ 6125' NEWFIELD 100 PBTD @ 6179' N. Ashley Federal #8-1-9-15 SHOE & TD @ 6223' 1980 FNL & 660 FEL

SE/NE Section 1-T9S-R15E Duchesne Co, Utah

API #43-013-31809; Lease #U-74826

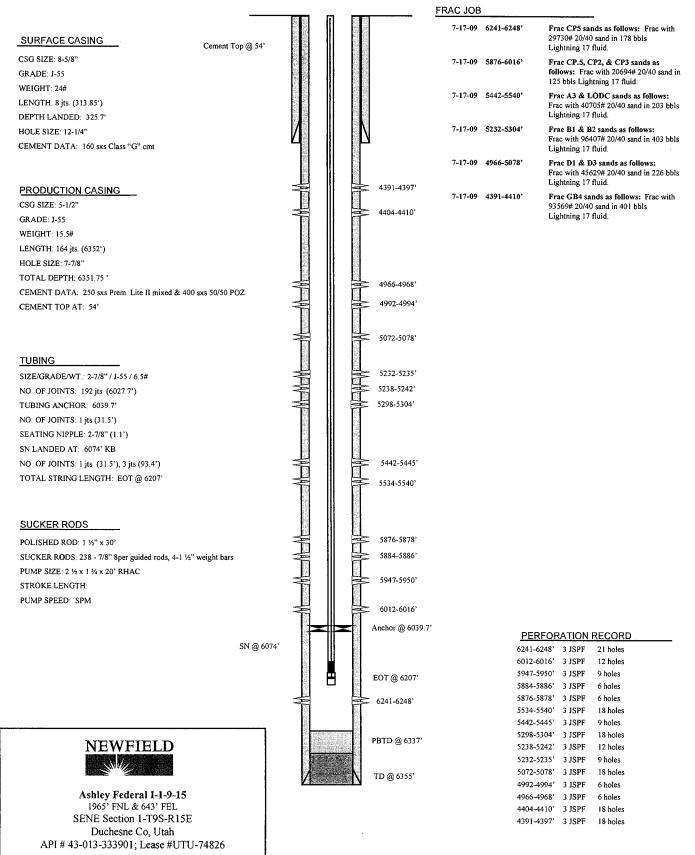


Ashley Federal I-1-9-15

Spud Date: 6/6/2009 Put on Production: 7/17/2009

GL: 5881' KB: 5893'

Wellbore Diagram



Multi-Chem Group, LLC

Multi-Chem Analytical Laboratory 1553 East Highway 40 Vernal, UT 84078



Water Analysis Report

Production Company: NEWFIELD PRODUCTION (158)

Well Name: 6-6-9-16
Sample Point: Tank
Sample Date: 2 /16/2010
Sales Rep: Randy Huber
Lab Tech: John Keel

Sample ID: WA-37094

Sample Specifics				
Test Date:	2/19/2010			
Temperature (°F):	100			
Sample Pressure (psig):	0			
Specific Gravity (g/cm³):	1.0070			
pH:	8.5			
Turbidity (NTU):				
Calculated T.D.S. (mg/L)	10394			
Molar Conductivity (µS/cm):	15749			
Resitivity (Mohm):	0.6350			

Cations	mg/L	Anions	mg/L
Calcium (Ca):	40.00	Chloride (CI):	5000.00
Magnesium (Mg):	-	Sulfate (SO ₄):	•
Barium (Ba):	54.00	Dissolved CO ₂ :	
Strontium (Sr):	-	Bicarbonate (HCO ₃):	1561.00
Sodium (Na):	3737.00	Carbonate (CO ₃):	
Potassium (K):	-	H ₂ S:	2.00
Iron (Fe):	0.46	Phosphate (PO ₄):	
Manganese (Mn):	-	Silica (SiO ₂):	
Lithium (Li):		Fluoride (F):	•
Aluminum (AI):	-	Nitrate (NO ₃):	
Ammonia NH ₃ :		Lead (Pb):	
		Zinc (Zn):	•
		Bromine (Br):	
		Boron (B):	

		THE REAL	Sca	le Values (() Test Co	nditions -	Potenti	al Amount	of Scale	e in lb/1000	Obbl	
Test Conditions		Calcium Carbonate Gypsum		Calcium Sulfate		Strontium Sulfate		Barium Sulfate		Calculated		
Temp	Gauge Press.	CaC	O 3	CaSO ₄ ·	2H ₂ O	CaS	04	SrSC	04	BaSt	04	CO ₂
°F		Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	psi
100	0	19.81	60.74	0.00	-2397.20	0.00	-2525.50		-	0.00	-1.58	0.11
80	0	15.64	56.87	0.00	-7.62	0.00	-2684.40	-		0.00	-1.05	0.06
100	0	19.81	60.74	0.00	-4.91	0.00	-2525.50	-	-	0.00	-1.58	0.07
120	0	23.32	60.10	0.00	-3.36	0.00	-2290.20	-	-	0.00	-2.30	0.08
140	0	26.13	57.90	0.00	-2.43	0.00	-2011.90	-	-	0.00	-3.28	0.09
160	0	27.99	55.70	0.00	-1.87	0.00	-1719.30	-	-	0.00	-4.57	0.10
180	0	28.80	54.17	0.00	-1.55	0.00	-1434.50	-	-	0.00	-6.25	0.11
200	0	28.58	53.40	0.00	-1.36	0.00	-1172.20	- 1	-	0.00	-8.41	0.11
220	2.51	27.28	53.14	0.00	-1.29	0.00	-951.00	-		0.00	-11.35	0.11
240	10.3	25.49	51.80	0.00	-1.27	0.00	-751.71	-	-	0.00	-14.84	0.11
260	20.76	23.26	48.03	0.00	-1.29	0.00	-585.20		-	0.00	-19.16	0.11
280	34.54	20.79	42.02	0.00	-1.35	0.00	-449.02		-	0.00	-24.44	0.11
300	52.34	18.23	35.56	0.00	-1.43	0.00	-339.69		-	0.00	-30.86	0.11

Conclusions:

Notes:

Excellence

Calcium Carbonate scale is indicated at all temperatures from 80°F to 300°F

Gypsum Scaling Index is negative from 80°F to 300°F

Calcium Sulfate Scaling Index is negative from 80°F to 300°F

Strontium Sulfate scaling was not evaluated

Barium Sulfate Scaling Index is negative from 80°F to 300°F

Multi-Chem Group, LLC

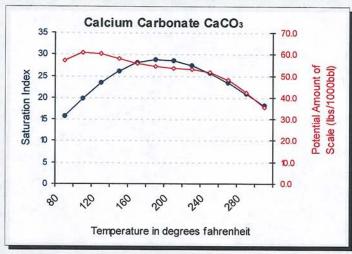
Multi-Chem Analytical Laboratory 1553 East Highway 40 Vernal, UT 84078

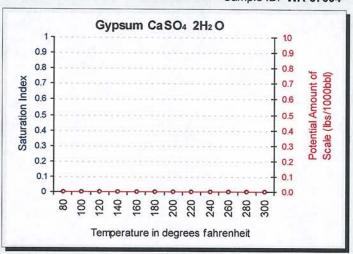


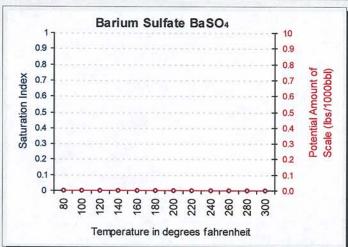
Scale Prediction Graphs

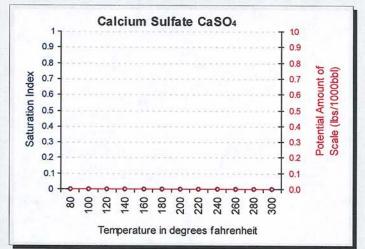
Well Name: 6-6-9-16

Sample ID: WA-37094



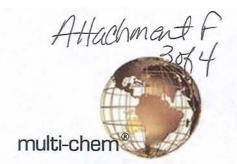






Multi-Chem Group, LLC

Multi-Chem Analytical Laborator 1553 East Highway 40 Vernal, UT 84078



Water Analysis Report

Production Company: NEWFIELD PRODUCTION (158)

Well Name: ASHLEY INJECTION
Sample Point: Tri-plex Suction
Sample Date: 1 /5 /2010
Sales Rep: Randy Huber

Lab Tech: John Keel

Sample	ID:	WA-35264
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Sample Specifics			
Test Date:	1/5/2009		
Temperature (°F):	100		
Sample Pressure (psig):	0		
Specific Gravity (g/cm³):	1.0060		
pH:	8.5		
Turbidity (NTU):			
Calculated T.D.S. (mg/L):	10759		
Molar Conductivity (μS/cm):	16302		
Resitivity (Mohm):	0.6134		

Analysis @ Properties in Sample Specifics					
Cations	mg/L	Anions	mg/L		
Calcium (Ca):	40.00	Chloride (CI):	5000.00		
Magnesium (Mg):	73.20	Sulfate (SO 4):	81.00		
Barium (Ba):	5.00	Dissolved CO ₂ :	-		
Strontium (Sr):	-	Bicarbonate (HCO 3):	1805.00		
Sodium (Na):	3751.00	Carbonate (CO 3):	-		
Potassium (K):	-	H ₂ S:	2.00		
Iron (Fe):	1.88	Phosphate (PO ₄):	-		
Manganese (Mn):	0.06	Silica (SiO ₂):	-		
Lithium (Li):	-	Fluoride (F):	-		
Aluminum (AI):		Nitrate (NO ₃):			
Ammonia NH ₃ :	-	Lead (Pb):	-		
		Zinc (Zn):	-		
		Bromine (Br):	-		
		Boron (B):			

		Scale Values @ Test Conditions - Potential Amount of Scale in lb/1000bbl													
Test Conditions		Calcium Carbonate			Gypsum		Calcium Sulfate		Strontium Sulfate		Barium Sulfate				
Temp	Gauge Press.	CaCO ₃		CaSO ₄ · 2H ₂ O		CaSO ₄		SrSO ₄		BaSC	BaSO ₄				
°F	psi	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	psi			
100	0	20.90	61.31	0.00	-2372.60	0.00	-2508.60	i - √	-	9.51	7.56	0.12			
80	0	16.64	59.85	0.00	65.59	0.00	-2669.60	-	-	14.52	7.88	0.07			
100	0	20.90	61.31	0.00	77.65	0.00	-2508.60	-	-	9.51	7.56	0.08			
120	0	24.42	59.29	0.00	86.01	0.00	-2270.20	-	-	6.38	7.10	0.09			
140	0	27.22	56.49	0.00	91.06	0.00	-1988.40	-	-	4.37	6.47	0.10			
160	0	29.04	54.10	0.00	91.80	0.00	-1692.40	-	-	3.05	5.61	0.11			
180	0	29.81	52.59	0.00	88.20	0.00	-1404.50	-	-	2.17	4.46	0.12			
200	0	29.57	51.99	0.00	81.11	0.00	-1139.60		-	1.56	2.94	0.12			
220	2.51	28.27	52.20	0.00	72.54	0.01	-916.28	-	-	1.11	0.81	0.12			
240	10.3	26.50	51.96	0.00	62.54	0.01	-715.06	-	-	0.81	-1.81	0.12			
260	20.76	24.31	50.03	0.00	52.87	0.02	-546.76			0.60	-5.13	0.12			
280	34.54	21.88	45.44	0.00	44.23	0.03	-408.79	-	-	0.45	-9.29	0.12			
300	52.34	19.36	39.39	0.00	36.84	0.05	-297.49	-	-	0.34	-14.40	0.12			

Conclusions:

Notes:

Calcium Carbonate scale is indicated at all temperatures from 80°F to 300°F Gypsum Scaling Index is negative from 80°F to 300°F Calcium Sulfate Scaling Index is negative from 80°F to 300°F

Strontium Sulfate scaling was not evaluated

Barium Sulfate NO CONCLUSION

Attachment F

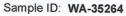
Multi-Chem Group, LLC

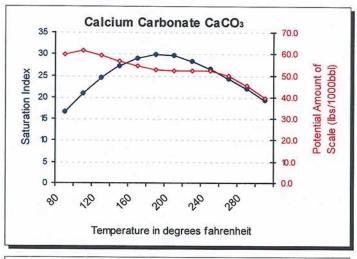
Multi-Chem Analytical Laborator 1553 East Highway 40 Vernal, UT 84078

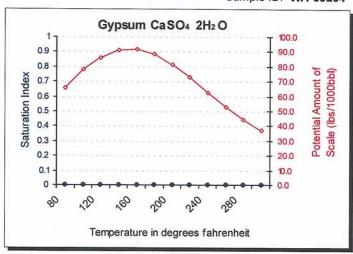


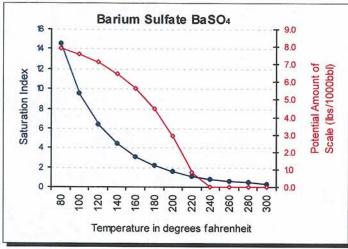
Scale Prediction Graphs

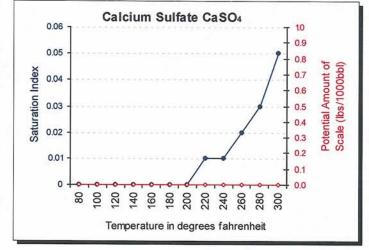
Well Name: ASHLEY INJECTION











Ethics

Attachment "G"

Nine Mile #6-6-9-16 Proposed Maximum Injection Pressure

	Interval eet)	Avg. Depth	ISIP	Calculated Frac Gradient	
Top	Bottom	(feet)	(psi)	(psi/ft)	Pmax
4602	4608	4605	2500	0.98	2470
5760	5765	5763	2120	0.80	2083 ◀──
4876	4884	4880	2550	0.96	2518
5026	5104	5065	2974	1.02	2941
5288	5330	5309	2462	0.90	2428
5456	5474	5465	2836	0.95	2801
				Minimum	2083

Calculation of Maximum Surface Injection Pressure

Pmax = (Frac Grad -(0.433*1.015)) x Depth of Top Perf where pressure gradient for the fresh water is .433 psi/ft and specific gravity of the injected water is 1.015.

Frac Gradient = (ISIP +(0.433*Top Perf.))/Top Perf.

Please note: These are existing perforations; additional perforations may be added during the actual conversion procedure.



AHachment 6-1 10/25

Present Operation		Mille	IAILLE MILLE 0-0				Report Date			Completion	Day 1
		ion	Perf LDC sds			********************	***************************************	Rig	Flint #6		
					W	ELL S	TATUS				
Surf Csg:	8-5/8	@	323' KB	Liner	@		Prod Csg 5-1/2	@	5921	Csg PBTD	5878
Tbg:	Size	2-7/8	Wt	6.5#	Grd	M-50	Pkr/EOT @		***************************************	BP/Sand PBTD	=
				***************************************	PERFO	RATIO	ON RECORD	***************************************	***************************************	w	
<u>Zone</u>			<u>Perfs</u>		SPF/#shots	i	<u>Zone</u>			<u>Perfs</u>	SPF/#shots
	- 			-		- -					
	_			_	CHRONOL	OGICA	L OPERATIONS				
D-4- 18/I	D6		40/4		OHNOHOL	OOIOA	L OI LIVATION	2			_
Date Work		***************************************	12/4		***************************************	***********		***************************************	SITP:	***************************************	
							g scraper, 188 jts 1900'. TOH w/tbo				ag PBTD @

,		FLUI	D RECOVERY (BI	BLS)	
Starting fluid lo	ad to be recovere	ed <u>0</u>	Starting oil rec	to date 0	
Fluid lost/recov	ered today	0	Oil lost/recover	ed today 0	
Ending fluid to	be recovered	0	Cum oil recove	red 0	
IFL Sfc	FFL 4900	FTP	Choke	Final Fluid Rate	Final oil cut
	STIMULA	ATION DETAIL			COSTS
Base Fluid used	d:	Job Type:		Flint rig	1,960
Company:				ВОР	135
Procedure:				Tanks	45
				Wtr	100
				KCL Sub	50
				Tbg head	1,500
				Tbg	14,939
				Loc cleanup	200
				Trucking	795
				IPC Supervision	200
Max TP	Max Rate	Total flu	id pmpd:		
Avg TP	Avg Rate	Total Pro	op pmpd:		
ISIP	5 min	10 min	15 min	DAILY COST:	\$19,924
Completion S	upervisor: Ga	ry Dietz		TOTAL WELL CO	OST: \$172,099



Attachment 6-1 20/25

WELL NA	ME	Nine	Mile 6-6		DAIL! CO		ort Date	ı 12/6/	97	Comp	letion D	ay 2
Present C	Operati	on	Frac LDC sds.				***************************************		Rig Fli			
					W	ELL S	TATUS_				· · · · · · · · · · · · · · · · · · ·	
Surf Csg:	8-5/8	@	323' KB	Liner	. @		Prod Csg 5-1/2	@	5921	Cs	g PBTD	5878
Tbg:	Size	2-7/8	Wt	6.5#	Grd	M-50	Pkr(EOT)@	5830		BP/San	d PBTD:	444000000
		***************************************			PERFO	RATIC	N RECORD					
Zone			<u>Perfs</u>		SPF/#shots	<u>i</u>	<u>Zone</u>			<u>Perfs</u>		SPF/#shots
LDC			5456-62'		4/24							
LDC	_		5467-74'		4/28	-		•				
				_		-		•				
	_					-		•				
					CHRONOL	OGICA	L OPERATIONS	· }				
Date Work	Perfor	med:	12/5					-	SITP	;	SICP	
RU HLS 8	k perf	LDC :	sds @ 5450	6-62' 8	k 5467-74' v	v/4 jsp	f. TIH w/tbg to 5	830'.	IFL (බු 4900'.	Made 6	swab runs,
	-		FL @ 5500'.			- •	J					
			Ü									

		<u>FLUII</u>	RECOVERY (BE	<u>3LS)</u>		
Starting fluid load	d to be recov	ered 0	Starting oil rec	to date	0	######################################
Fluid lost/recover	red today	0	Oil lost/recovere	ed today	0	
Ending fluid to be	e recovered [°]	0	Cum oil recover	red	0	
IFL 4900	FFL 5500	FTP	Choke	Final	Fluid Rate	Final oil cut Tr.
	STIMU	JLATION DETAIL		,	COS	STS
Base Fluid used:		Job Type:			Flint rig	1,191
Company:	······				ВОР	· 135
Procedure:					Tanks	45
Antonovaluation					Perfs & CBL	3,292
				0400000000	IPC Supervision	200
<u> </u>				·············		
Max TP	Max Rate	Total flui	d pmpd:	*********		
Avg TP	Avg Rate	Total Pro	p pmpd:	****************		
ISIP	5 min	10 min	15 min	•••••	DAILY COST:	\$4,863
Completion Sup	pervisor:	Gary Dietz			TOTAL WELL COST:	\$176,962



Attachment G-1 30/25

WELL NAME		Nine	Nine Mile 6-6				Repo	ort Date	***************************************	12/7	97	Com	pletion D	ay <u>3</u>
Present O	perati	on	Perf A sds.		j.	***************************************	**************************************	······································			Rig	Flint #6		
						W	ELL S	TATUS						
Surf Csg:	8-5/8	@	323'	KB	Liner	@		Prod Csg	5-1/2	@	5921	. (Csg PBTD	5878
Tbg:	Size	2-7/8	-		6.5#	Grd	M-50	Pkř/E	OT @			BP/Sa	and PBTD:	
		***************************************				PERFO	PRATIC	ON RECOP	RD					
<u>Zone</u>			<u>Perfs</u>	<u> </u>		SPF/#shots	<u>.</u>	<u>Z</u> (<u>one</u>			<u>Perfs</u>		SPF/#shots
LDC		į.	5456-6	32'		4/24	_							
LDC	_		5467-7	74'		4/28						.,		
	-						-							
	-						-							
						CHRONOL	OGIC/	L OPERA	TIONS					
Date Work	Perfor	med:		12/6	/97						SITP:	0	SICF	150
tool. RU Treated @	Hallibu ave	rton press	& frac of 26	LDC 500 ps	sds was in ward	/121,300#	20/40 : 9 BPM	sd in 573 . ISIP: 28	bbls De 336 psi	elta I , 5 n	Frac.	Perfs b	roke dn (NU isolation @ 2627 psi. ck on 12/64

	FLUID	RECOVERY (BBLS	3)	
Starting fluid load to be recovered	573	Starting oil rec to o	date 0	agementate(
Fluid lostfrecovered today	180	Oil lost/recovered	***************************************	******
Ending fluid to be recovered	393	Cum oil recovered	**************************************	
IFL 5000 FFL 5500	FTP	_Choke12/64_F	Final Fluid Rate	Final oil cut Tr.
STIMULA	TION DETAIL		cos	STS
Base Fluid used: Delta Frac	Job Type: Sand	Frac	Flint rig	870
Company: Halliburton	······		ВОР	135
Procedure:			Tanks	45
3500 gal of pad			Wtr	750
1000 gal w/1-6 ppg of 20/40 sd			HO Trk	633
9000 gal w/6-8 ppg of 20/40 sd	-		Frac	24,163
5000 gal w/8-10 ppg of 20/40 sd			Flowback - super	150
214 gal w/10 ppg of 20/40 sd			IPC Supervision	200
Flush w/5364 gal of 10# Linear g	el			
Max TP 3270 Max Rate 30.2	2 Total fluid	pmpd: 573 bbls		
Avg TP 2600 Avg Rate 29	Total Prop	pmpd: 121,300#		
ISIP 2836 5 min 272	0 10 mi n	15 min	DAILY COST:	\$26,946
Completion Supervisor: Gar	y Dietz		TOTAL WELL COST:	\$203,908



Attachment 6-1 40/25

					DAILT GO	INILLE	TION REPORT	ı				
WELL NA	ME	Nine	Mile 6-6			Repo	ort Date	12/9/	97	Complet	tion Da	ay <u>4</u>
Present C	perati	on	Swab zon	e dn. Frac A sds.				***************************************	Rig	Flint #6		
					W	ELL S	TATUS					
Surf Csg:	8-5/8	@	323' KB	Line	er @		Prod Csg 5-1/2	@	5921	Csg l	PBTD	5878
Tbg:	Size	2-7/8	Wt	6.5#	# Grd	M-50	Pkr/EOT @			(BP/\$and I	PBTD:	5380
					PERFO	RATIO	ON RECORD					
<u>Zone</u>			<u>Perfs</u>		SPF/#shots		<u>Zone</u>			<u>Perfs</u>		SPF/#shots
Α	_	52	288-5300'		4/4/	_	LDC	_		5467-74'	_	4/28
Α			5314-25'		4/44						_	
Α			5328-30'		4/8	_		_				
LDC	_		5456-62'	_	4/24			_			_	
					CHRONOL	OGICA	L OPERATIONS	<u> </u>				
Date Work	Perfor	med:	12/8	3/97					SITP	:	SICP	0
Thaw well	head 8	& BOI	P w/HO Trk	c. TIF	l w/5-1/2" RE	3P & tb	g. Set plug @ 5	5380'.	Pres	s test plug	to 300	0 psi. Circ
							/tbg. RU HLS &					
			FN w/est 29					-				
	•											

		FLUI	D RECOVERY (B	BLS)	
Starting fluid	load to be recov	rered 393	Starting oil rec	to date 0	80007000000000000000
Fluid lost(red	covered today	101	Oil lost/recove		***************************************
Ending fluid	to be recovered	292	Cum oil recove		······································
IFL Sfc	FFL 4700	FTP	Choke	Final Fluid Rate	Final oil cut
	STIMU	JLATION DETAIL		C	OSTS
Base Fluid u	sed:	Job Type:		Flint rig	1,933
Company:	***************************************	·		ВОР	135
Procedure:	:			Tanks	45
•				HO Trk	100
**************************************				RBP	600
**************************************				Perfs	2,491
***************************************				IPC Supervision	200

***************************************				**************************************	
***************************************				**************************************	
Max TP	Max Rate	Total flu	id pmpd:		
Avg TP	Avg Rate	Total Pr	op pmpd:		
ISIP	5 min	10 min	15 min	DAILY COST:	\$5,504
Completion	n Supervisor:	Gary Dietz	,	TOTAL WELL COS	ST: \$209,412



Attachment G-1 5825

DAILY COMPLETION REPORT

WELL NA	ME	Nine	Mile 6-6			Rep	ort Date		12/10	0/97	Completion I	Day 5
Present C	perati	ion	Prep to pe	erf C/B s	ds.	~				Rig	Flint #6	•
		_			W	ELL S	TATUS		· · ·			
Surf Csg:	8-5/8	@	323' KB	Liner	@		Prod Csg	5-1/2	@	5721	Csg PBTD	5878
Tbg:	Size	2-7/8	Wt	6.5#	Grd	M-50	Pkr/E	ОТ @		***************************************	BP/Sand PBTD	: 5380
		***************************************	,,,,,		PERFC	RATIO	ON RECOP	<u>RD</u>	***************************************	***************************************	•	***************************************
<u>Zone</u>			<u>Perfs</u>	\$	SPF/#shots		<u>Z</u>	<u>one</u>			<u>Perfs</u>	SPF/#shots
Α		52	288-5300'		4/4/		LI	DC		5	467-74'	4/28
Α	_	5	314-25'		4/44							
A		5	328-30'		4/8	•					2	
LDC	-	5	456-62'		4/24							•
<u> </u>	***			<u>C</u>	HRONOL	OGICA	L OPERA	TIONS	<u> </u>			
Date Work	Perfor	med:	12/9	9/97						SITP:	SICI);
swab equi	p. TO 80 psi.	OH w Trea	/tbg. RU H ated @ av	lalliburto e press	n & frac A of 1950 p	sand w	//130,300# ve rate of	of 20/4 31 BF	40 sd PM.	in 622 ISIP:	V w/tr oil. FFL @ 2 bbl of Boragel. 2462 psi, 5 mir est 768 BWTR.	Perfs broke

		FLUID REC	COVERY (BBL	.S)		
Starting fluid load to be re	ecovered	292 St a	arting oil rec to	date	0	
Fluid lost/recovered today	/	476 O il	lost/recovered	l today	0	
Ending fluid to be recover	red	768 Cu	m oil recovere	d	0	
IFL FFL	FTP	Ch	oke	Final Fluid	d Rate	Final oil cut
<u>s</u>	TIMULATION D	ETAIL			COS	ST\$
Base Fluid used: Boragel	Job 7	Гуре: Sand Fra	С	Flin	t rig	1,744
Company: Halliburton				ВО	P	140
Procedure:				Fra	c tanks	60
3500 gal of pad				НО	Trk	682
1000 gal w/1-6 ppg of 20	/40 sd			Hal	liburton	25,442
9000 gal w/6-8 ppg of 20	/40 sd			IPC	Supervision	200
6000 gal w/8-10 ppg of 2	0/40 sd			a		
1104 gal w/10# gal of 20	/40 sd			***		
				x		
	,					;
Max TP 2756 Max F	Rate 31.8	Total fluid pmp	od: 622	***		
Avg TP 1950 Avg F	Rate 31	Total Prop pm	pd: 130,300			
***************************************	min 1758	10 min <u>1483</u>	15 min 1316	DAI	LY COST:	\$28,298
Completion Supervisor	: Gary Dietz			то	TAL WELL COST:	\$237,710



A Hachment 6-1

						RESO	URCES INC.					~ Y)	
					DAILY CO	MPLE	TION REPOR	T				U	
WELL NA	ME	Nine	Mile 6-6			Repo	rt Date	12/1	1/97	Complet	tion D	ay	6
Present C	perati	on	Frac C/B	sds.					Rig	Flint #6	*****		
	· · · · · · · · · · · · · · · · · · ·				V	VELL ST	ATUS						
Surf Csq:	8-5/8	@	323' KB	Liner	@		Prod Csg 5-1/2	2 @	5921	_ Csa	PBTD	5878	
Tbg:	Size	. –	*************************	6.5#	Grd	M-50	Pkr/EOT @			BP)Sand		******************************	
. 25.	0.20				***************************************	***************************************	N RECORD		***************************************				***************************************
<u>Zone</u>			<u>Perfs</u>		SPF/#shot	<u>s</u>	Zone			<u>Perfs</u>		SPF/#s	hots
C/B		ŧ	5026-29'		4/12		Α		Ę	5314-25'		4/44	4
C/B	-		5041-43'		4/8		ΑΑ	_		328-30'	_	4/8	}
C/B			5046-52'	_	4/24	_	LDC			6456-62'	_	4/24	
C/B		50	092-5104'	_	4/48	_	LDC	_		5467-74'	_	4/28	8
Α	_	52	288-5300'		4/48			_			_		
	<u> </u>				CHRONOL	OGICA	L OPERATION	S					
Date Work	Perfor	med:	12/1	0/97					SITP		SICP	0	
RU HO Ti	k. Tha	aw ou	t BOP's. T	îH w/B	V plug. Ta	ng sd @	5163'. Set plu	g @ 5	5153'.	Test plug t	o 3000) psi. (7	Гest
good.) Rl	J swab	equi	pment. Sw	ab wel	I dn to 450	o'. TOH	w/tbg. RU HL	S & p	erf C/	B sds @ 50)26-29	', 5041-	43',
5046-52	& 5092	2-5104	4' w/4 jspf.	RD H	ILS. TIH w	//R-Head	I to 5143'. RU	swab	equip	ment. IFL (@ 435	0'. Mad	de 1
run, recov	ered 1	5 BV	/ w/tr oil. F	FL @	5000'. SIF	FN w/est	661 BWTR. 1	Note:	Rec 9	2 BW wher	n swat	b well d	n to
perf.													
•													
					FI IIID	RECOV	ERY (BBLS)						
Ctarting fir	id lose	i ta b	rocovered		768		n oil rec to date		()			

				<u>rlui</u>	D KECOVEKT (D	DLSI				
Start	ing fluid <u>lo</u>	ad to be	recovered	768	Starting oil red	to date	0			
	lost(recov	_		107	Oil lost/recove	red today	y 0			
	ng fluid to			661	Cum oil recove	ered	0			
IFL	4350	FFL	5000	FTP	Choke	Final	Fluid Rate	Final oil cut	Tr.	
			STIMULA	TION DETAIL			cos	TS		
Base	Fluid use	d:		Job Type:			Flint rig		1,628	
Com	pany:	ADDURCUS PROCESSOR SERVICE		MARKAGO MARKAG			ВОР		140	
Proc	edure:						Tanks		60	
	***************************************				·		НОТ		100	
***************************************		4-9gussacconscassos-emeritarios					RBP		600	
***************************************	***************************************						Perfs		2,381	
							IPC Supervision		200	
		**************************************					Flowback		80	
							Frac Wtr (12/9)		750	
Max	TP ·	Ma	x Rate	Total flu	id pmpd:					
Avg	TP	Av	g Rate	Total Pr	op pmpd:					
ISIP	***************************************	**************************************	5 min	10 min	in 15 min DAILY COST:			\$5,939		
Con	npletion S	upervis	or: Gar	y Dietz			TOTAL WELL COST:	\$2	43,649	



Attachment G-1 70625

DAILY COMPLETION REPORT

WELL NA	ME Ni	ne Mile 6-6		F	Report Da	ite	12/12/9	7	Comple	tion D	ay 7
Present C	peration	Perf D sd	S.	***************************************		***************************************	Ri	ig Fli	int #6		***************************************
				WEL	L STATU	S					
Surf Csg:	8-5/8	a 323' KB	Liner	@	Prod	Csg 5-1/2	@ 59	921 _	Csg	PBTD	5878
Tbg:	Size 2-	7/8 Wt	6.5#	Grd M	-50	Pkr/EOT @	жесевооры	(E	3P)Sand	PBTD:	5153
			I	PERFOR	ATION RE	CORD					~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
<u>Zone</u>		<u>Perfs</u>	SPF/	#shots		<u>Zone</u>		Pe	<u>erfs</u>		SPF/#shots
C/B		5026-29'	4/12			Α		531	4-25'		4/44
C/B		5041-43'		1/8	•	A		532	8-30'	_	4/8
C/B		5046-52'	4	4/24		· · LDC		5456-62'			4/24
C/B		5092-5104'	4	/48		LDC		546	7-74'		4/28
Α		5288-5300'	4	/48							
			CHR	ONOLOG	ICAL OP	ERATIONS					
Date Work	Performe	d: 12/	11/97				•	TP:	0	SICP	75
		IFL @ 4800 n & frac C/B					-			_	

tool. RU Halliburton & frac C/B sds w/114,300# 20/40 sd in 549 bbls Delta Frac. Perfs broke dn @ 2220 psi. Treated @ ave press of 1880 psi w/ave rate of 28.1 BPM. ISIP: 2974 psi, 5 min: 2670 psi. Flowback on 12/64 choke for 3 hrs & died. Rec 117 BTF (est 21% of load). SIFN w/est 1089 BWTR.

	FLU	ID RECOVERY (BBLS)	
Starting fluid load to be recovered	661	Starting oil re	c to date0	
Fluid lost/recovered today	428	Oil lost/recov	ered today 0	
Ending fluid to be recovered	1089	Cum oil recov	vered 0	,
IFL 4800 FFL 4900	FTP	Choke 1	2/64 Final Fluid Rate	Final oil cut Tr.
STIMULAT	ION DETAIL		COS	STS
Base Fluid used: Delta Frac	Job Type: Sa	and Frac	Flint rig	1,140
Company: Halliburton			ВОР	135
Procedure:			Tanks	45
3200 gal of pad			Wtr (incl disp)	1,000
1000 gal w/1-6 ppg of 20/40 sd			HO Trk	580
8000 gal w/6-8 ppg of 20/40 sd			Frac	23,462
5000 gal w/8-10 ppg of 20/40 sd			Flowback - super	150
925 gal w/10 ppg of 20/40 sd			IPC Supervision	200
Flush w/4919 gal of 10# Linear ge	<u> </u>		500-50-100-100-100-100-100-100-100-100-1	
Max TP 3151 Max Rate 28.6	Total flu	iid pmpd:549 b	bls	
Avg TP 1880 Avg Rate 28.1	Total Pr	op pmpd: 114,30	00#	
ISIP 2974 5 min 2670	10 min	15 min	DAILY COST:	\$26,712
Completion Supervisor: Gary	Dietz		TOTAL WELL COST:	\$270,361



A Hachment 6-1 80625

DAILY COMPLETION REPORT

WELL NAME NINE			s wille 6-6			Report Date12/13/			3/97 Completion Day		
Present C	perati	on	Frac D sds	3 .				F	Rig Flint #6	***************************************	
	·				W	ELL S	<u> </u>				
Surf Csg:	8-5/8	@	323' KB	Liner	@		Prod Csg_5-1/2	@ 5	921 <u>Csg</u>	PBTD	5878
Tbg:	Size	2-7/8	Wt	6.5#	Grd	M-50	Pkr(EOT)@	4884	BP)Sand	PBTD:	4949
		***************************************		***************************************	PERFO	RATIC	N RECORD	***************************************			***************************************
<u>Zone</u>			<u>Perfs</u>		SPF/#shots	<u>i</u>	Zone		<u>Perfs</u>		SPF/#shots
D			4876-84'		4/32		Α		5288-5300'		4/48
C/B			5026-29'		4/12	-	A		5314-25'		4/44
C/B	_	- ;	5041-43'	_	4/8		- · · · A		5328-30'	_	4/8
C/B		7	5046-52'	-	4/24	-	LDC		5456-62'	_	4/24
C/B	_	50	092-5104'	_	4/48	•	LDC		5467-74'	_	4/28
······		·			CHRONOL	OGICA	L OPERATIONS	<u> </u>			
Date Work	Perfor	med:	12/1:	2/97				s	SITP:	SICP	0
Thaw well	head 8	& BOI	P w/HO trk.	TIH v	w/HO Trk.	TIH w/5	5-1/2" RBP & tbg	. Set p	lug @ 4949'.	Press 1	test plug to
							BTF. TOH w/tbg.	•			
	w/tbg	to 48					ns, rec 13 BTF.				

					FL	UID RECOVERY (BBL	_S)			
Starti	ng fluid load	to be	recove	ered	1089	Starting oil rec to	date	0		
Fluid	lost/recover	ed tod	ay		103	Oil lost/recovered	d today	y 0	******************	
Endir	ng fluid to be	recov	ered	***************************************	986	Cum oil recovere		0	***************************************	
IFL	3800	FFL	4500	FTP		Choke	Final	Fluid Rate	Final oil cut	
		\$	STIMU	ILATION D	ETAIL			<u>C</u>	<u>OSTS</u>	
Base	Fluid used:			Job T	уре:			Flint rig		1,818
Comp	oany:							ВОР		135
Proce	edure:				-			Tanks		45
					***************************************		•••	HO Trk		100
							600.	Perfs		1,434
							***	Wtr disp		300
							eres.	IPC Supervision		200
***************************************	· · · · · · · · · · · · · · · · · · ·		***************************************	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		uuramatuusettiin kankin kirikki kirikk		RBP		600
		8.0	- D-4a		Tatal	fi.id per d				
Max 1	***************************************	•	Rate	······································	-	fluid pmpd:	900a	***************************************		······································
Avg 1	IY		Rate .		••	Prop pmpd:	Mode.	DAILY COOT		14.000
ISIP	**************************************	•	5 min	****************	l0 min	15 min		DAILY COST:		\$4,632
Com	pletion Sup	ervis	or:	Gary Dietz			•••	TOTAL WELL COS	ST: \$27	74,993



Attachment B-1 90625

DAILY COMPLETION REPORT

WELL NAME Nine Mil		Mile 6-6			_ Rep	Report Date12/1			/14/97 Comple		etion Day 9		
Present C	Operatio	on	Pull plugs.	CO to	PBTD.	***************************************		***************************************	_Rig	Flint	t #6	•	***************************************
PV / 11 3					W	ELL S	TATUS						
Surf Csg:	8-5/8	@	323' KB	Liner	@		Prod Csg 5-1/2	2 @	5921	\sim	Csg	PBTD	5878
Tbg:	Size	2-7/8	Wt	6.5#	Grd	M-50	Pkr/EOT @	0	***************************************	(BP	Sand	PBTD:	4949
					PERF	ORATIO	ON RECORD	***************************************					······································
Zone			<u>Perfs</u>		SPF/#shots	<u> </u>	<u>Zone</u>			<u>Perf</u>	<u>s</u>		SPF/#shots
D			1876-84'		4/32	_	Α		52	88-5	300'		4/48
C/B		5026-29'		26-29' 4/12		_	ΑΑ		5	314-	25'	_	4/44
C/B		5	5041-43'	-	4/8		· · · · A		5	328-	30'		4/8
C/B		5	5046-52'		4/24	_	LDC		5	456-	62'		4/24
C/B	_ :	50	92-5104'		4/48	_	LDC		5	467-	74'		4/28
					CHRONOL	OGICA	L OPERATION	IS					
Date Work	Perform	ned:	12/1:	3/97					SITP:	(0	SICP	0
IFL @ 450	00'. Ma	de 3	swab runs,	rec 5 E	BTF. FFL (<u>a</u> 4700	'. TOH w/tbg.	NU isc	lation t	tool.	RU F	lalliburt	on & frac D
_						_	oroke dn @ 351						
							si. Flowback or						
		• • • • • • • • • • • • • • • • • • • •				•							

BTF (est 24% of load). SIFN w/est 1376 BWTR.

	Fi:	UID DECOVEDY (DDI C)			
Starting fluid load to be recovered	<u>FL</u> 986	UID RECOVERY (BBLS) Starting oil rec to date	0		
Fluid lost/recovered today	390	Oil lost/recovered toda			
Ending fluid to be recovered	1376	Cum oil recovered	0		
IFL 4500 FFL 4700	FTP	Choke 12/64 Final	Fluid Rate	Final oil cut	0
STIMULAT	ION DETAIL			COSTS	
Base Fluid used: Delta Frac	Job Type:	Sand Frac	Flint rig		1,422
Company: Halliburton			ВОР		135
_					

STIMULATION DETAIL	<u>COSTS</u>	
Base Fluid used: Delta Frac Job Type: Sand Frac	Flint rig	1,422
Company: Halliburton	вор	135
Procedure:	Tanks	45
3000 gal of pad	Wtr	700
1000 gal w/1-6 ppg of 20/40 sd	HO Trk	530
8000 gal w/6-8 ppg of 20/40 sd	Frac	22,327
5000 gal w/8-10 ppg of 20/40 sd	Flowback - super	100
86 gal w/10 ppg of 20/40 sd	IPC Supervision	200
Flush w/4778 gal of 10# Linear gel.		Confusion/processors/populations/substitutes/controls/substitutes/
Max TP 3516 Max Rate 26.8 Total fluid pmpd: 520 bbls		
Avg TP 2046 Avg Rate 26.2 Total Prop pmpd: 114,300#	***************************************	
ISIP 2550 5 min 2350 10 min 15 min	DAILY COST:	\$25,459
Completion Supervisor: Gary Dietz	TOTAL WELL COST:	\$300,452



Attachment 6-1 100/25

DAILY COMPLETION REPORT

WELL NA	ME	Nine	Mile 6-6			Rep	ort Date	1	2/16/97		Comple	tion D	ay	10
Present C	perati	on	CO to PB	TD. Sv	vab well.	***************************************			Rig	, FI	lint #6			***************************************
			<u> </u>		V	VELL S	TATUS							
Surf Csg:	8-5/8	@	323' KB	Liner	@		Prod Csg 5-	-1/2	@ 592	21	_ Csq	PBTD	5878	}
Tbg:	Size	2-7/8	Wt	6.5#	Grd	M -50		December of the last of the la	_		BP)Sand			
					PERF	ORATI	ON RECORD		***************************************				***************************************	***************************************
<u>Zone</u>			<u>Perfs</u>		SPF/#shot	<u>\$</u>	<u>Zone</u>	<u>e</u>		<u>Pe</u>	erfs		SPF/	#shots
D	_		376-84'	_	4/32		A			5288	3-5300'	_	4	/48
C/B	_		026-29'	_	4/12	_	A				4-25'	_		/44
C/B	_	-	041-43'		4/8	_	- · · · A				8-30'	_	4	
C/B			046-52'	_	4/24	_	LDC				6-62'	_		/24
C/B	_	50:	92-5104'		4/48		LDC			546	57-74'		4	/28
D-4- W- 4-	D		40/4		CHRONOL	<u>.OGICA</u>	AL OPERATION	<u>ONS</u>		_				
Date Work	***************************************		·····	5/97			d @ 4696'. C		SIT			SICP	0	***************************************
							VERY (BBLS)							
Starting flu					1376		ng oil rec to da		······	0	######################################	****		
Fluid lost/ Ending flui					55 1431		st/recovered to oil recovered	oday	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	0	······································	****		
IFL	u to be	FFL	erea	FTP	1431	Choke	.′	nal Fli	uid Rate			 Final e	nil cut	
***************************************	***************************************	• •	·····	00000			***************************************					****		
		S	TIMULAT								COST	<u>[S</u>		
Base Fluid	used:	***************************************		_Job T	ype:		***************************************	*******	int rig	***************************************	**************************************	************************		1,728
Company:								В	OP					135
Procedure			***************************************	*******************************	**************************************	***************************************	***************************************	T	anks	******************************				45
**************************************								<u>IF</u>	C Supe	rvisi	on			100
***************************************	······	**********************						Н	O Trk	***************************************	······································			100
Max TP		Max	Rate		Total fluid	pmpd:		**************************************				1		
Avg TP	******************************	•	Rate	***********	Total Prop		***************************************	********	***************************************		***************************************	***************************************	***************************************	······
ISIP			5 min		0 min		5 min	D	AILY CC	ST:			(\$2,108

TOTAL WELL COST:

\$302,560

Completion Supervisor:

Gary Dietz



Attachment 6-1

DAILY COMPLETION REPORT

WELL NA	ME	Nine	Mile 6-6			Report Date	- ,	12/17	7/97	Comp	letion D	ay 11
Present C	perat	ion	Land tbg.	Swab.	Run rods,	place on product	ion.		Rig	Flint #6		
		****		·	N	VELL STATUS						
Surf Csg:	8-5/8	@	323' KB	Liner	@	Prod Csg	5-1/2	@	5921	Cs	g PBTD	5878
Tbg:	Size	2-7/8	Wt	6.5#	Grd		€OT)@	4248	***************************************	BP(Sar	d PBTD:	5636
					PERF	DRATION RECO	RD	***************************************	***************************************			***************************************
<u>Zone</u>			<u>Perfs</u>		SPF/#shots	<u>z</u>	one			<u>Perfs</u>		SPF/#shots
D	_		876-84'		4/32		<u> </u>			88-5300		4/48
C/B	_		026-29'		4/12		<u>A</u>			314-25'		4/44
C/B C/B	_		041-43'	 .	4/8	<u> </u>				328-30'		4/8
C/B	_		046-52' 092-5104'		4/24		DC			456-62'		4/24
			192-5104	_	4/48		DC		5	467-74'		4/28
Date Work	Dorfor	mad.	10/	<u>9</u> 16/97	CHRONOL	OGICAL OPERA	TIONS		0!	•		
***************************************	***************************************				~111	NC & tbg. Tag s			SITP:	0	SICP	
	<u>:</u>				FLUID	RECOVERY (BBI	-S)					
Starting flu	id load	to be	recovered	ľ	1431	Starting oil rec to	date		.0			
Fluid lost/	ecove	ed)tod	lay		180	Oil lost/recovered	d today		0	***************************************		
Ending flui		recov	***************************************	***************************************	1251	Cum oil recovere	d ຼື		0			
IFL Sfo	;	FFL	900	FTP _	***************************************	Choke	Final F	luid l	Rate		Final	oil cut Tr.
	, .		STIMULA	TION DI	ETAIL					CO	STS	
Base Fluid	used:			Job Ty	ype:			Flint r	ig			1,959
Company:		***************************************	***************************************	(denotativ	***************************************	***************************************		ВОР		•	***************************************	135
Procedure				***************************************	······································			Tank		***************************************	***************************************	15
	***************************************		***************************************	······································			900 4	TA &	SN	***************************************	***************************************	700
***************************************	***************************************	****************	***************************************	***************************************	***************************************		000 WW	IPC S	Superv	ision	MONETAL MONTH CONTRACTOR CONTRACT	100
							000 WA					
Max TP	***************************************	•	c Rate	***************************************	Total fluid p			***************************************				
Avg TP	****************		Rate	***************************************	Total Prop	20000000000000000000000000000000000000			**********************	***************************************	***************************************	·····
ISIP			5 min	10	0 min	15 min	1	DAILY	cos	Г:		\$2,909

TOTAL WELL COST:

\$305,469

Completion Supervisor:

Gary Dietz



Attachment 6-1

DAILY COMPLETION REPORT

WELL NA	ME	Nine	Mile 6-6	DAIL		Report Date	EPUR	12/1	8/97	Comple	ation D		12
Present C	perat	***************************************	*****************************	umping unit clu	***************************************	•	Herristanians		***************************************	Flint #6		ay	
	••			3					_ '''9 .	1 11111 #0	······································		
Surf Csg:	8-5/8	•	323' KB	1:		L STATUS	- 40		5004				
Tbg:	***************************************	@ 2-7/8	***************************************	Liner 6.5#	@ Grd M-	Prod Cs	*************		5921			5878	***************************************
iby.	Oize	2-110	****	***************************************	***************************************	TION RECO	/EOT @	***************************************	***************************************	BP Sand	PBTD:	5636	*******************************
<u>Zone</u>			<u>Perfs</u>	<u></u> SPF/#			Zone			Dorfo		CDE	U = l = 4 =
D		_	1876-84'	4/3		•	A			<u>Perfs</u> 38-5300'			#shots /48
C/B	-		026-29'				A			314-25'	_		44
C/B	-		5041-43'				A	-		328-30'			/8
C/B	-		046-52'	4/2		·	LDC	-		156-62'	_		/24
C/B	_		92-5104'	4/4			LDC	-		167-74'			<u>23</u> /28
	-			CHRO	NOLOG	ICAL OPER		<u>-</u>					
Date Work	Perfor	med:	12	<u></u> /17/97		IOTAL OF LIV		2	SITP:	0	SICP	0	
	***************************************	***************************************	***************************************	l8'. Ran as foll	OMS: 3-	7/8" NC 2 its	2_7/8"	grd 6	***************************************	_			
PRODUC	I ION (<i>w</i> 113	JU AWI, 12	:/17/97 W /72" \$	sr (6) 9 3	PIWI. EST TI	/	K,					
				FI	IID BEC	OVERY (BE	SI 6)					·	
Starting flu	id load	i to be	recovere			rting oil rec t			0				
Fluid lost/		_		79		lost/recovere			0	***************************************			
Ending flui		_		1172		m oil recover	•		0		••••		
IFL 300		FFL	900	FTP	Ch	oke	Final	Fluid	Rate		Final o	oil cut	Tr.
	-		STIMUL A	TION DETAIL			***************************************			cos			***************************************
Base Fluid	neod.		Q I IIII Q LL	Job Type:	*			Flint	ria	<u> </u>	12		1,884
Company:	asca.	***************************************		oob 13pc.	***************************************		ORONO MA	BOP					135
Procedure:	***************************************	······································					••••	Tank					15
i roccaure.							******	Wtr					850
	######################################	*******************		**************************************	***************************************		*******			***************************************	***************************************	····	
194449449400000000000000000000000000000	***************************************	C###2040000###0000##		***************************************		***************************************	*******	Pmp			***************************************	***************************************	950
·····	······································	·····		······································	***************************************	······································	•	***************************************	, pol ro	a, rot	······································	***************************************	7,623
,	X.000000000000000000000000000000000000	nochrecolmandone and white	*******************************					Trucl	king		***************************************		250
								Loc o	cleanup	ı			200

Total fluid pmpd:

Total Prop pmpd:

10 min

Gary Dietz

15 min

Max TP

Avg TP

Completion Supervisor:

ISIP

Max Rate

Avg Rate 5 min Pit reclaim

Sfc equipment

IPC Supervision

DAILY COST:

TOTAL WELL COST:

800

200

96,330

\$109,237

\$414,706



Attachment G-1 13 of 25

DAILY COMPLETION REPORT

Present	NAME:	Nine Mile	6-6-9-16	Repo	rt Date:	11-	-30-04	Com	pletion	Day: /
	Operation:	Re-c	ompletion	automantationalchina			Rig:	NC	#1	······································
				WELL STATE	J <u>S</u>					· · · · · · · · · · · · · · · · · · ·
Surf Csg: Tbg:	8 5/8 @ Size: 2-7/8"	325' Wt:	Prod Csg: <u>5</u> 6.5#	5 1/2 Wt: Grd: M-50	15.5# Pkr/EOT	. @: <u>_</u>	5920'	Csg P BP/Sand PE	_	5909' 5458'
			ı	PERFORATION R	ECORD					
<u>Zone</u>	<u>Per</u>	<u>fs</u>	SPF/#s		Zone	2		<u>Perfs</u>		SPF/#shots
D	4876- 84'		4/32		A		5288-		-	4/48
GB	5026- 29'		4/12		<u>A</u>		<u>5314-</u> 5328-		200	4/44 4/8
GB GB	5041- 43' 5046- 52'		4/24		LDC	***************************************	5456-			4 /24
GB	5092- 510	4'	4/48		LDC		5467-		-	4/28
			CHR	ONOLOGICAL O	PERATION	<u>vs</u>	<u>.</u>			
Date Work	Performed:	11	1-29-04				SITP:		SICP:	
Fluid lost/	uid load to be rec recovered today:	overed:	0	Starting oil						
	id to be recovere	d:	153 153	Oil lost/rec						
IFL:	-	d:	153	Oil lost/rec	overed too overed:	day:	Fluid Rate:		Final o	il cut:
IFL:	id to be recovere FFL: TUBING DETA	VIL .	153 153	Oil lost/rec Cum oil rec Choke:	overed too overed:	day:	Fluid Rate:	COSTS		
IFL:	id to be recovere FFL:	VIL .	153 153 FTP:	Oil lost/reconduction Cum oil reconduction Choke: ROD DETAIL AS PULLED	overed too overed:	day:		COSTS NC#1		\$3,177
IFL:	id to be recovere FFL: TUBING DETA	VIL .	153 153 FTP: 1-1/2"	Oil lost/recc Cum oil rec Choke: ROD DETAIL AS PULLED x 22' Polish rod	overed too	day:	Zubiate ho	COSTS NC#1 of oil/Propane		\$3,177 \$1,393
IFL:	id to be recovere FFL: TUBING DETA	VIL .	153 153 FTP: 1-1/2"	Oil lost/reconduction Cum oil reconduction Choke: ROD DETAIL AS PULLED	overed too	day:	Zubiate ho	COSTS NC#1		\$3,177
IFL:	id to be recovere FFL: TUBING DETA	VIL .	153 153 FTP:	Oil lost/recc Cum oil rec Choke: ROD DETAIL AS PULLED x 22' Polish rod	overed too	day:	Zubiate ho	COSTS NC#1 of oil/Propane		\$3,177 \$1,393
IFL:	id to be recovere FFL: TUBING DETA	VIL .	153 153 FTP: 1-1/2" 3-6', 1 94- 3/4	Oil lost/recc Cum oil rec Choke: ROD DETAIL AS PULLED × 22' Polish rod	overed too	day:	Zubiate ho	COSTS NC#1 of oil/Propane		\$3,177 \$1,393 \$600
IFL:	id to be recovere FFL: TUBING DETA	VIL .	153 153 FTP: 1-1/2" 3-6', 1 94-3/4 78-3/4	Oil lost/recc Cum oil rec Choke: ROD DETAIL AS PULLED × 22' Polish rod 1- 2' x 3/4" ponie:	overed too	day:	Zubiate ho	COSTS NC#1 It oil/Propane NDSI trucking Graco BOP		\$3,177 \$1,393 \$600 \$145
	id to be recovere FFL: TUBING DETA	VIL .	153 153 FTP: 1-1/2" 3- 6', 1 94- 3/4 78- 3/4 28- 3/4	Oil lost/recc Cum oil rec Choke: ROD DETAIL AS PULLED × 22' Polish rod 1-2' x 3/4" ponies 4" guided rods 4" plain rods	overed too	day:	Zubiate ho	COSTS NC#1 of oil/Propane NDSI trucking Graco BOP I pump repair		\$3,177 \$1,393 \$600 \$145 \$1,300
	id to be recovere FFL: TUBING DETA	VIL .	153 153 FTP: 1-1/2" 3-6', 1 94-3/4 78-3/4 28-3/4	Oil lost/recc Cum oil rec Choke: ROD DETAIL AS PULLED × 22' Polish rod 1- 2' x 3/4" ponie: 4" guided rods 4" plain rods 4" guided rods	overed too	day:	Zubiate ho	COSTS NC#1 It oil/Propane NDSI trucking Graco BOP I pump repair CDI TA repair		\$3,177 \$1,393 \$600 \$145 \$1,300 \$400
	id to be recovere FFL: TUBING DETA	VIL .	153 153 FTP: 1-1/2" 3-6', 1 94-3/4 78-3/4 28-3/4 4-1-1/2" 2-1/2";	Oil lost/recc Cum oil rec Choke: ROD DETAIL AS PULLED × 22' Polish rod 1- 2' x 3/4" ponie: 4" guided rods 4" plain rods 4" guided rods (2" wt bars	covered too	day:	Zubiate ho	COSTS NC#1 It oil/Propane NDSI trucking Graco BOP I pump repair CDI TA repair NPC trucking		\$3,177 \$1,393 \$600 \$145 \$1,300 \$400 \$450
	id to be recovere FFL: TUBING DETA	VIL .	153 153 FTP: 1-1/2" 3-6', 1 94-3/4 78-3/4 28-3/4 4-1-1/2" 2-1/2";	Oil lost/recc Cum oil rec Choke: ROD DETAIL AS PULLED × 22' Polish rod 1- 2' x 3/4" ponie: 4" guided rods 4" plain rods 4" guided rods /2" wt bars x1-1/2"x16' RHA	covered too	day:	Zubiate ho	COSTS NC#1 of oil/Propane NDSI trucking Graco BOP I pump repair CDI TA repair NPC trucking n west oilfield		\$3,177 \$1,393 \$600 \$145 \$1,300 \$400 \$450
	id to be recovere FFL: TUBING DETA	VIL .	153 153 FTP: 1-1/2" 3-6', 1 94-3/4 78-3/4 28-3/4 4-1-1/2" 2-1/2";	Oil lost/recc Cum oil rec Choke: ROD DETAIL AS PULLED × 22' Polish rod 1- 2' x 3/4" ponie: 4" guided rods 4" plain rods 4" guided rods /2" wt bars x1-1/2"x16' RHA	covered too	day:	Zubiate ho	COSTS NC#1 It oil/Propane IDSI trucking Graco BOP I pump repair CDI TA repair NPC trucking In west oilfield RNI trucking		\$3,177 \$1,393 \$600 \$145 \$1,300 \$400 \$450 \$200
	id to be recovere FFL: TUBING DETA	VIL .	153 153 FTP: 1-1/2" 3-6', 1 94-3/4 78-3/4 28-3/4 4-1-1/2" 2-1/2";	Oil lost/recc Cum oil rec Choke: ROD DETAIL AS PULLED × 22' Polish rod 1- 2' x 3/4" ponie: 4" guided rods 4" plain rods 4" guided rods /2" wt bars x1-1/2"x16' RHA	covered too	day:	Zubiate ho	COSTS NC#1 of oil/Propane NDSI trucking Graco BOP I pump repair CDI TA repair NPC trucking In west oilfield RNI trucking C Supervision		\$3,177 \$1,393 \$600 \$145 \$1,300 \$400 \$450 \$200



Attachment 6-1 148/25

DAILY COMPLETION REPORT Completion Day: 2 Nine Mile 6-6-9-16 WELL NAME: Report Date: 12-1-04 **Present Operation:** Re-completion Rig: NC#1 **WELL STATUS** Csg PBTD: 5909' Surf Csq: 8 5/8 Prod Csg: 5 1/2 Wt: 15.5# 5920' Pkr/EOT @: Tbg: 6.5# Grd: M-50 4557' BP/Sand PBTD: 5378 PERFORATION RECORD Zone **Perfs** SPF/#shots Zone **Perfs** SPF/#shots 4876-84' 5288-5300 4/32 4/48 D GB 5026-29' 4/12 5314- 25' 4/44 5041-43' 4/8 5328-30 4/8 GB GB 5046-52' 4/24 LDC 5456-62' 4/24 5092-5104' 4/48 LDC 5467-74' 4/28 GB CHRONOLOGICAL OPERATIONS SITP: **Date Work Performed:** 11-30-04 SICP: 75 psi 75 psi on csg. Bleed off well. PU & RIH w/ 4 3/4" bit, 5 1/2" csg scraper & 167 - jts of 2 7/8 N-80 tbg. Tagged fill @ 5378'. TOH w/ tbg, Bit & scraper. Talley, PU & RIH w/ 4-Star's 4 3/4" Washover shoe, 2- pup its of wash pipe, 1- it of wash pipe, 2 7/8" tbg grapple, Jars, 4' X 2 7/8 N-80 sub & 139 jts of 2 7/8 N-80 tbg. EOT @ 4557'. 153 BWTR. SIFN Starting oil rec to date: Starting fluid load to be recovered: 153 Oil lost/recovered today: Fluid lost/recovered today: 0 Ending fluid to be recovered: 153 Cum oil recovered: IFL: FFL: FTP: Choke: Final Fluid Rate: Final oil cut: TUBING DETAIL **ROD DETAIL** COSTS **AS PULLED AS PULLED** NC#1 \$3,257 1-1/2" x 22' Polish rod Marcus Liddel trucking \$780 3-6', 1-2' x 3/4" ponies Graco BOP \$145 94-3/4" guided rods RNI trucking \$600 78- 3/4" plain rods **NPC Supervision** \$300 28-3/4" guided rods 4- 1-1/2" wt bars 2-1/2"x1-1/2"x16' RHAC Randy's pump w/ double SV

Orson Barney

Completion supervisor:

DAILY COST:

TOTAL WELL COST:

\$5,082

\$13,497



AHadrments-1 15 of 25

DAILY COMPLETION REPORT Nine Mile 6-6-9-16 12-2-04 Completion Day: 3 Report Date: **WELL NAME:** NC#1 Rig: Re-completion Present Operation: WELL STATUS Csg PBTD: 5909' Prod Csg: 5 1/2 Wt: 15.5# 5920' 8 5/8 325' @ Surf Csg: **BP/Sand PBTD:** 5378' Pkr/EOT @: 6.5# Grd: M-50 Tbg: **PERFORATION RECORD** SPF/#shots <u>Zone</u> Perfs SPF/#shots Perfs 4876- 84' 4/32 5288-5300' 4/48 D 5026-29' 4/12 5314-25' 4/44 GB 5328-30' 4/8 5041-43' 4/8 Α GB LDC 5456- 62 4/24 4/24 5046- 52' **GB** LDC 5467-74' 4/28 GB 5092-5104 4/48 CHRONOLOGICAL OPERATIONS SICP: 200 psi SITP: **Date Work Performed:** 12-1-04 200 psi on csq. Bleed off well. Continue TIH w/ Wash pipe & grapple from 4557'. Tagged fill @ 5388'. RU pumplines & manual swivel. Pumped 238 bbls of wtr to get circulation. Rotate w/ tbg tongs. Worked down to 5394'. Scale and sand in return. Lost 157 bbls of wtr while circulating. RD manual swivel. Wait for power sub. RU power sub. Pumped 162 bbls of wtr w/ no returns. Ran out of wtr. Had difficulties get wtr delivered to location. Hang back power sub. TOH w/ tbg, Washpipe & Graffle. BWTR. SIFN 153 Starting oil rec to date: Starting fluid load to be recovered: Oil lost/recovered today: Fluid lost/recovered today: 557 710 Cum oil recovered: Ending fluid to be recovered: FTP: Final Fluid Rate: Final oil cut: Choke: IFL: FFL: **ROD DETAIL TUBING DETAIL AS PULLED AS PULLED** NC#1 \$3,117 1-1/2" x 22' Polish rod 10.00' 4- Star fishing KΒ \$4,800 3-6', 1-2' x 3/4" ponies 5105.53' Graco BOP 163- its tbq \$145 TA 2.80' 5115.53' 94- 3/4" guided rods RNI trucking \$450 1 jt tbg 31.26' 78- 3/4" plain rods 4- Star power sub \$450 SN 1.10' 5149.59' 28-3/4" guided rods Graco rubber goods \$450 4- 1-1/2" wt bars NPC wtr & trucking 1 perf sub 4.13' \$450 2-1/2"x1-1/2"x16' RHAC **NPC Supervision** 3- its tbg 92.42' \$300 Randy's pump w/ double SV 1 Bull plug w/ collar 0.80' EOT 5248.04' DAILY COST: \$10,162

TOTAL WELL COST:

\$23,659

Orson Barney

Completion supervisor:



DAILY COMPLETION REPORT

	NAME:	N	ine Mile	6-6-9-16		Repo	rt Date:	12	-3-04	Com	pletion	n Day: <u>4</u>
Present (Operati	on:	Re-c	ompletion					Rig:	NC	C#1	
					WE	LL STAT	US_					
Surf Csg:	8 5/8	@ :	325'	Prod Csg:	5 1/2	Wt:	15.5#	@	5920'	Csg I	PBTD:	5909'
Tbg:	Size:	2-7/8"	Wt:	6.5#	Grd:	M-50	Pkr/EC	т @: _		BP/Sand P	BTD:	5425'
					PERFO	RATION R	RECORD					
Zone		Perf	<u>s</u>	SPF/#	shots		Zor	<u>1e</u>		<u>Perfs</u>		SPF/#shots
D	_	4876- 84'		4/32			Α			5300'		4/48
GB		5026- 29'		4/12			Α		5314			4/44
GB	·	5041- 43'		4/8			<u>A</u>		5328			4/8
GB		5046- 52'	 	4/24			LDC		5456		-	4/24
GB		5092-5104	<u> </u>	4/48 CH	PONOI C	GICAL O		2NC	5467	- 74		4/28
D-4- 18/o-d-	D = mf =	d.			KONOLC	JGICAL O	FLIXATIO	7113	SITP:		SICD.	100 poi
Date Work	Pertorr	nea:		2-2-04					3HP:	***************************************	SICP:	100 psi
SIFN w/ es Starting flu Fluid lost/r	id load	to be reco	overed:	710 456		tarting oil il lost/rec		_			-	
Ending flui		_	:	1166	C	um oil rec	covered:	-			-	
IFL:		FFL:		FTP:	Cho	ke:		Final	Fluid Rate		Final	oil cut:
	TUBI	NG DETA	L		ROD	DETAIL					_	
	<u>AS</u>	PULLED		***************************************	AS F							
KB	10.00)'	*********************	1-1/2		ULLED			**************************************	NC#1	-	\$3,322
163-	jts tbg	5105.53	3'		" x 22' F	PULLED Polish rod	<u> </u>		4	NC#1 - Star fishing		\$3,322 \$650
TA 2	2.80'			3- 6',	·····		***************************************		4		.	***************************************
1 jt tl		5115.53	3'		·····	Polish rod /4" ponie	***************************************			- Star fishing	-	\$650
	bg 31		3'	94- 3	1- 2' x 3	Polish rod /4" ponie ed rods	***************************************			- Star fishing Graco BOP	- -	\$650 \$145
SN	bg 31 1.10'			94- 3 78- 3	1- 2' x 3 /4" guide	Polish rod /4" ponie ed rods rods	***************************************	 	4- S	- Star fishing Graco BOP NDSI hot oiler	-	\$650 \$145 \$400
		.26' 5149.59		94- 3 78- 3 28- 3	1- 2' x 3 /4" guide /4" plain	Polish rod J/4" ponie ed rods rods ed rods	***************************************		! 4- S 2- Dru	- Star fishing Graco BOP NDSI hot oiler tar power sub	-	\$650 \$145 \$400 \$450
1 pe	1.10'	.26' 5149.59 1.13'		94- 3 78- 3 28- 3 4- 1-	1- 2' x 3 /4" guide /4" plain /4" guide 1/2" wt b	Polish rod J/4" ponie ed rods rods ed rods	S	- - - - -	4- S 2- Dru NPC	- Star fishing Graco BOP NDSI hot oiler tar power sub ms 15% HCL		\$650 \$145 \$400 \$450 \$220
1 pe 3- jts	1.10' rf sub 4 s tbg 9	.26' 5149.59 1.13')1	94- 3 78- 3 28- 3 4- 1- 2-1/2	1- 2' x 3 /4" guide /4" plain /4" guide 1/2" wt b "x1-1/2":	Polish rod /4" ponie ed rods rods ed rods ars	a.C	- - - - -	4- S 2- Dru NPC	- Star fishing Graco BOP NDSI hot oiler tar power sub ms 15% HCL wtr & trucking	-	\$650 \$145 \$400 \$450 \$220 \$630
1 pe 3- jts 1 Bu	1.10' rf sub 4 s tbg 9	.26' 5149.59 1.13' 2.42' w/ collar 0)1	94- 3 78- 3 28- 3 4- 1- 2-1/2	1- 2' x 3 /4" guide /4" plain /4" guide 1/2" wt b "x1-1/2":	Polish rod /4" ponie ed rods rods ed rods ars x16' RHA	as a constant of the constant	- - - - -	4- S 2- Dru NPC Mcko	- Star fishing Graco BOP NDSI hot oiler tar power sub ms 15% HCL wtr & trucking NPC trucking	-	\$650 \$145 \$400 \$450 \$220 \$630 \$150
1 pe 3- jts 1 Bu	1.10' rf sub 4 s tbg 9 Il plug	.26' 5149.59 1.13' 2.42' w/ collar 0)1	94- 3 78- 3 28- 3 4- 1- 2-1/2	1- 2' x 3 /4" guide /4" plain /4" guide 1/2" wt b "x1-1/2":	Polish rod /4" ponie ed rods rods ed rods ars x16' RHA	as a constant of the constant	 	4- S 2- Dru NPC Mcko	Graco BOP NDSI hot oiler tar power sub ms 15% HCL wtr & trucking NPC trucking	-	\$650 \$145 \$400 \$450 \$220 \$630 \$150
1 pe 3- jts 1 Bu	1.10' rf sub 4 s tbg 9 Il plug	.26' 5149.59 1.13' 2.42' w/ collar 0)1	94- 3 78- 3 28- 3 4- 1- 2-1/2	1- 2' x 3 /4" guide /4" plain /4" guide 1/2" wt b "x1-1/2":	Polish rod /4" ponie ed rods rods ed rods ars x16' RHA	as a constant of the constant		4- S 2- Dru NPC Meke	- Star fishing Graco BOP NDSI hot oiler tar power sub ms 15% HCL wtr & trucking NPC trucking onkie bit sales C Supervision	-	\$650 \$145 \$400 \$450 \$220 \$630 \$150 \$450
1 pe 3- jts 1 Bu EOT	1.10' rf sub 4 s tbg 9 Il plug	.26' 5149.59 1.13' 2.42' w/ collar 0).80'	94- 3 78- 3 28- 3 4- 1- 2-1/2	1- 2' x 3 /4" guide /4" plain /4" guide 1/2" wt b "x1-1/2": ly's pum	Polish rod /4" ponie ed rods rods ed rods ars x16' RHA	as a constant of the constant	- - - - - -	Mckc NPC	- Star fishing Graco BOP NDSI hot oiler tar power sub ms 15% HCL wtr & trucking NPC trucking onkie bit sales C Supervision		\$650 \$145 \$400 \$450 \$220 \$630 \$150



Attachmant G-1 17 of 25

Completion Day: 5

DAILY COMPLETION REPORT

Report Date:

12-4-04

Nine Mile 6-6-9-16

WELL NAME:

Present	Operation	on:	Re	e-comple	etion	******				Rig:	***************************************	NC#1	
						WELL STA	ATUS_		• •				
Surf Csg:	8 5/8	@	325'		I Csg: <u>5 1/2</u>	_	Vt: 15.5#			20'	_	sg PBTD:	
bg:	Size: _	2-7/8"	W	/t:6.	<u>5#</u> Grd:	M-50	Pkr/E	EOT @	:44	168'	_ BP/San	d PBTD:	5517'
						REORATION	RECOR	<u>D</u>					
<u>Zone</u>		<u>Pe</u>			SPF/#shot	<u>s</u>	. –	<u>one</u>			<u>Perfs</u>		SPF/#she
))		4876- 84' 5026- 29'		-	4/32		A		_		- 5300'		4/48
SB SB		5026- 29 5041- 43'		*********	4/12 4/8		. <u>A</u>		****	5314 5328			<u>4/44</u> 4/8
BB		5046- 52'		quenes.	4/24		LDC			5456	···		4/24
BB		5092- 510		_	4/48		LDC		_	5467			4/28
					CHRON	OLOGICAL	OPERAT	IONS	-				
Oate Work	Perform	ned:		12-3-04	4					SITP	•	SICP	: <u>10 psi</u>
Starting flo				i: <u>11</u> 477	66	Starting o					MSS had be'd code of substitute the conservations		
idid <u>iose</u> Ending flu		-	-	1643		Cum oil r			•—	*			
IFL:		FFL:		FTP:		Choke:			al Fluid	l Rate		Final	oil cut:
······································	TUBIN	IG DETA	AIL		R	OD DETAI	L				СО	STS	
		PULLED			***************************************	S PULLEI					NC		\$3,2
KB	10.00	I	(1	poppodiseco	1-1/2" x 2	2' Polish ro	od			4	- Star fishi	ng	\$2,3
163	- jts tbg	5105.5	3'		3- 6', 1- 2'	x 3/4" pon	ies				Graco B	<u>——</u> ОР	\$1
TA	2.80'	5115.5	53'		94- 3/4" g	uided rods				4- S	tar power s	sub	\$4
1 jt 1	tbg 31.	26'			78- 3/4" p	lain rods				- "	RNI truck	ing	\$1
SN	1.10'	5149.5	9'		28- 3/4" g	uided rods				NPC	wtr & truck	ing	\$5
1 pe	erf sub 4	.13'			4- 1-1/2" v	wt bars				Mcko	onkie bit sa	les	\$4
3- jt	s tbg 92	2.42'			2-1/2"x1-1	I/2"x16' RH	IAC			NP	C Supervis	ion	\$3
1 Bu	ull plug v	v/ collar	0.80'		Randy's p	ump w/ do	uble SV						
EO	T 5248.0	04'		***************************************						-			
***************************************								_					
									F	אוואר	COST:	······································	\$7,7
•	1-41			0	Dames						-	NT.	
	noiteian	supervis	OF:	urson	Barney				EC	JIAL '	WELL COS	51:	\$38,0



DAILY COMPLETION REPORT

Attachment 6-1 Bof 25

Nine Mile 6-6-9-16 **WELL NAME:** 12-7-04 Report Date: Completion Day: 6 **Present Operation:** Re-completion NC#1 Rig: **WELL STATUS** Surf Csg: 8 5/8 Prod Csg: 5 1/2 Wt: 15.5# 5920 Csg PBTD: 59091 Pkr/EOT @: 6.5# 5710 **BP/Sand PBTD:** Tbg: Grd: M-50 5878' PERFORATION RECORD Zone Perfs SPF/#shots **Perfs** SPF/#shots NEW 4602-08' **PB10** 4/24 4876-84' 4/32 NEW B2 5167-70', 84-87' 4/24 D 5288- 5300' D3 NEW 4988-90' 4/8 A 4/48 GB 5026- 29', 41- 43' 4/20 5314- 25',28- 30' 4/52 5046-52' 4/24 LDC 5456-62', 67-74' 4/52 GB NEW CP.5 5092-5104' 4/48 5760-65' GB 4/20 CHRONOLOGICAL OPERATIONS **Date Work Performed:** 12-6-04 SITP: SICP: 150 psi 150 psi on csg. Bleed off well. Contiue TIH w/ 4 3/4" varel bit, 5 1/2" scraper & 2 7/8 N-80 tbg. Tagged fill @ 5520'. RU power sub, Pumplines & washington rubber. Pumped 194 bbls of wtr to get circulation. Drilled down to PBTD @ 5878'. Circulate well clean, RD power sub, TOH w/ tbg, bit & scraper, RU Patterson WL & Perforate; CP.5 sands 5760-65', B2 sands 5167-70', 5184- 87', D3 sands 4988-90', PB10 sands 4602- 08'. All 4 JSPF. Total of 76 holes. RD WL. PU & RIH w/ 5 1/2" RBP, Ret head, 2 3/8 sub, 5 1/2" pkr & 180- jts of 2 7/8 N-80 tbg. Set RBP @ 5820' & pkr @ 5789'. RU pumplines & fill tbg w/ 21 bbls of wtr. Pressure test tbg & tools to 2000 psi. Release & move pkr uphole. Install frac valve & leave pkr hanging @ 5700'. Lost a total of 461 bbls of wtr to well today. SIFN w/ est 2104 BWTR. Starting fluid load to be recovered: Starting oil rec to date: 1643 Fluid lost/recovered today: 461 Oil lost/recovered today: Ending fluid to be recovered: 2104 Cum oil recovered: FFL: Choke: IFL: FTP: Final Fluid Rate: Final oil cut: TUBING DETAIL **ROD DETAIL** COSTS **AS PULLED AS PULLED** NC#1 \$3,373 10.00 KB 1-1/2" x 22' Polish rod NDSI hot oiler \$150 163- jts tbg 5105.53' 3-6', 1-2' x 3/4" ponies Graco BOP \$145 TA 2.80' 5115.53' 94- 3/4" guided rods 4- Star power sub \$450 1 jt tbg 31.26' 78- 3/4" plain rods RNI trucking \$640 SN 1.10' 5149.59 28-3/4" guided rods Patterson WL \$3,132 1 perf sub 4.13' 4- 1-1/2" wt bars **NPC Supervision** \$300 3- jts tbg 92.42' 2-1/2"x1-1/2"x16' RHAC 1 Bull plug w/ collar 0.80' Randy's pump w/ double SV EOT 5248.04' DAILY COST: \$8,190 **Orson Barney TOTAL WELL COST:** Completion supervisor: \$46,278



Attachment B-19825

DAILY COMPLETION REPORT

WELL	NAME:	Nine	Mile	6-6-9-16		Repo	t Date:	12-	8-04	_ Co	mpletio	n Day: <u>7(a)</u>
Present	Operat	ion:	Re-c	ompletion					Rig:		NC#1	
			·········		WELL S	TATE	JS_			· · · · · · · · · · · · · · · · · · ·		
Surf Csg:	8 5/8	@ 325	; '	Prod Csg: 5			15.5#	@	5920'	Csg	PBTD:	5909'
Tbg:	Size:	2-7/8"	Wt:	6.5# G	rd: N-	80	Pkr/EOT		5710'	BP/Sand	-	5820'
				P	ERFORATI	ON R	ECORD					
<u>Zone</u>		<u>Perfs</u>		SPF/#sl			Zone	2		<u>Perfs</u>		SPF/#shots
PB10	_NEW	4602- 08'		4/24							_	
D		4876- 84'		4/32		NEW	B2			- 70', 84- 87	1	4/24
D3	NEW	4988- 90'		4/8	**************************************		<u>A</u>			- 5300'		4/48
GB		5026- 29', 41-	43'	4/20			<u>A</u>			- 25',28- 30'		4/52
GB	_	5046- 52' 5092- 5104'		4/24 4/48		NIE\A/	CP.5			- 62', 67- 74	<u>. </u>	4/52
GB	****	5092-5104	***************************************	Marrier 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	NOLOGIC			15	5760	- 63	minus	4/20
Date Work	Perfor	med:	1	2-7-04	DINOLOGIO	AL VI	LIVATIO	10	SITP		SICP	150 psi
Day (7a)		_										
frac. Frac (of 14.6 BPN 1/2 hrs & di	CP.5 sa	nds w/ 17970# e down @ 294 c 62 BTF(27 %	20/40 2 psi. of fra	@ 5700'. RU D sand in 224 b ISIP2120 psi. ac). Pressure u ∰ 5820'. Relea	bls of Light RD BJ. Bo p on annul	ning 1 egin ir us & r	7 Fluid. T nmediate f elease pkr	reated lowbac . Circu	w/ ave pr ck on 12/6	essure of 33 4 choke @	854 psi 1 BPM.	@ ave rate Flowed for 1
Starting flu	ıid load	I to be recove	red:	2104	Startir	ng oil	rec to dat	e:		ı		
Fluid lost/r		-		399			vered to	lay:				
•	id to be	recovered:		2503		oil rec	overed:	-:	Lilia Dia	-		
IFL:		_ FFL:		FTP:	Choke:			-ınaı F	luid Rate		_Final	oil cut:
		-		ON DETAIL			,			cos		
Base Fluid	used:	Lightning	17	Job Type:	Sand	Frac	······································	******	·····	NC#	-	\$1,559
Company:		BJ Services							1	NDSI hot oile	<u>er</u>	\$300
Procedure	or Equ	ipment detail:	;		CP.5	sands	<u>1</u>			Graco BO	<u>P</u> .	\$145
 		PUMPE	D DO	WN 2 7/8 N-80	TBG					BJ Service	es	\$15,234
2016	gals to	get crosslink.								RNI truckir	<u>ıg</u>	\$443
2016	gals of	pad.		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				**********	Weatherf	ord tools/se	<u></u>	\$1,463
1511	gals w	/ 1-4 ppg 20/40) sand	.			Obstition (1880)	***********	NPO	C Supervisio	<u>n</u>	\$150
2437	gals w	/ 4- 6.5 ppg 20	/40 sa	ınd.								
1428	+A17 g	als of flush.								······	_	
3 00-44-44-44-44-44-44-44-44-44-44-44-44-4			***************************************				······································			***************************************	*******	
Max TP	***************************************		14		ıid pmpd:	2	24					X
Avg TP	. 3354	Avg Rate:	4.4									***************************************
	. 3334	_ Avg nac	14	<u>.6</u> Total Pr	ob bwba:	17,	970#					
	: 2120	5 min:supervisor:		.6Total Pr 10 min: Prson Barney	 ob bwba: [*]	***************************************	970# .80		DAILY	COST:	*****	\$19,294



Attachmant G-1 20 of 25

DAILY COMPLETION REPORT

VVELL	NAME:	Nine Mile	3 0-0-9-10	керс	ort Date:	12-8-04	_ Completio	n Day: <u>/(b)</u>
Present	Operat	ion: Re-d	completion			Rig:	NC#1	
				WELL STAT	US			
Surf Csg:	8 5/8	@ 325'	Prod Csg: 5			ഇ 5920'	Csg PBTD:	5909'
Tbg:	Size:	. ~	6.5# Gr		Pkr/EOT @	~	BP/Sand PBTD:	5250'
							-	
Zono		Perfs	<u>Pl</u> SPF/#sh	ERFORATION I			Dorfe	SPF/#shots
<u>Zone</u> PB10	NFW	4602- 08'	<u>3F17#\$(1</u> 4/24	<u> </u>	Zone		<u>Perfs</u>	<u>377/#511013</u>
D		4876- 84'	4/32	NEW	B2	5167-	70', 84- 87'	4/24
D3	_NEW	4988- 90'	4/8		. A	5288-	5300'	4/48
GB		5026- 29', 41- 43'	4/20		Α		· 25',28- 30'	4/52
GB	_	5046- 52'	4/24		LDC		62', 67- 74'	4/52
GB		5092- 5104'	4/48 CHPO	NEW NOLOGICAL C	CP.5	<u>5760</u>	- 65'	4/20
Date Work	Perfor	med:	12-7-04	MOLOGICAL C	FERATIONS	: SITP:	SICP	
Day (7b)								
	n hole.	TOH w/ tbg & pkr.					Remove frac valve. 2022'.	rki woulu
SIFIN W/ es	1 2009	DVVIK.						
		,						
-		I to be recovered:	2503 166		l rec to date: overed today			
Fluid <u>lost</u> /r Ending flui		ed today:	2669	Cum oil red		y •	······································	
IFL:	ia to be	FFL:	FTP:	Choke:		nal Fluid Rate:	Final	oil cut:
		STIMULAT	ION DETAIL				COSTS	
Base Fluid	lused:	Lightning 17	Job Type:	Sand Fra	r.		NC#1	\$1,559
Company:	accu.	BJ Services		- Julia I I I			NDSI hot oiler	\$300
• •	or Fau	ipment detail:	•	CP.5 sand	le		BJ Services	\$8,169
	J	•	OWN 2 7/8 N-80			Weatherfo	ord tools/serv	\$1,463
		· · · · · · · · · · · · · · · · · · ·					C Supervision	\$150
2500	gals of	pad.						
		/ 1-4 ppg 20/40 san	d.				,	4.4.4
541	gals w/	4- 6.5 ppg 20/40 sa	nd.			-	······································	
Scre	en out	w/ 1700# of sand i	in perfs.			***************************************	***************************************	
Max TP		Max Rate:	Total flu	id pmpd: 11	2 bbis			
Avg TP):	Avg Rate:						**************************************
ISIP		_ Avg	Total Pro	op pinpa:	5633			
ISIF	•	5 min:	Iotal Pro	op pinpa:	***************************************	DAILY	 COST:	\$11,641



Attachment 6-1 21 of 25

WELL NAME: Nine Mile 6-6-9-16 Report Date: 12-9-04 Completion Day: 8(a) **Present Operation:** Re-completion Rig: NC#1 **WELL STATUS** Surf Csg: 8 5/8 Prod Csg: 5 1/2 Wt: 15.5# 5920' Csg PBTD: 5909' Tbg: 6.5# Grd: N-80 Pkr/EOT @: **BP/Sand PBTD: PERFORATION RECORD** <u>Zone</u> **Perfs** SPF/#shots Zone <u>Perfs</u> SPF/#shots **PB10** NEW 4602-08' 4/24 D 4876-84 4/32 NEW B2 5167-70', 84-87' 4/24 D3 NEW 4988-90' 4/8 Α 5288- 5300' 4/48 GB 5026- 29', 41- 43' 4/20 A 5314- 25',28- 30' 4/52 GB 5046- 52' 4/24 LDC 5456- 62', 67- 74' 4/52 5092- 5104' 4/48 NEW CP.5 5760-65' 4/20 CHRONOLOGICAL OPERATIONS **Date Work Performed:** 12-8-04 SITP: SICP: Day (8a) Csg on vacuum. Continue TIH w/ pkr & tbg. Tagged sand @ 5228'. RU pumplines & washington rubber. C/O to RBP @ 5250'. Lost a total of 77 BW to well. Release RBP. Move tools uphole. Set RBP @ 5010'. Test to 2000 psi. Set pkr @ 4936'. RU BJ Services to tbg. Fill csg w/ rig pump, Hold pressure on annulus during frac. Frac D3 sands w/ 10,409# 20/40 sand in 194 bbls of Lightning 17 Fluid. Broke down @ 2866 psi. Screen out w/ 5398# of sand in perfs. RD BJ. Pressure up on annulus & release pkr. Circulate clean. TIH w/ tbg, Tagged sand @ 5008'. Circulated clean down to RBP @ 5010'. Release RBP. Move tools up hole. See Day (7b) Starting fluid load to be recovered: 2669 Starting oil rec to date: Fluid <u>lost</u>/recovered today: 271 Oil lost/recovered today: Ending fluid to be recovered: 2940 Cum oil recovered: FTP: Final Fluid Rate: Choke: Final oil cut: STIMULATION DETAIL COSTS Base Fluid used: Lightning 17 Job Type: Sand Frac NC#1 \$1.569 Company: **BJ Services** D&M hot oil \$960 Procedure or Equipment detail: D3 sands Graco BOP \$145 **PUMPED DOWN 2 7/8 N-80 TBG** **BJ Services** \$7,660 2982 gals to get crosslink. Weatherford tools/serv \$2,305 2000 gals of pad. NPC Supervision \$150 1511 gals w/ 1-4 ppg 20/40 sand. 1655 gals w/ 4- 6.5 ppg 20/40 sand. "SCREEN OUT W/ 5398# OF SAND IN PERFS" Max Rate: Max TP: Total fluid pmpd: Avg TP: Avg Rate: **Total Prop pmpd:** ISIP: 5 min: 10 min: FG: **DAILY COST:** \$12,789

TOTAL WELL COST:

\$90,001

Completion supervisor:

Orson Barney



Attachment A-20 of 25

WELL NAME: Nine Mile 6-6-9-16 Report Date: 12-9-04 Completion Day: 8(b) **Present Operation:** Re-completion Rig: NC#1 **WELL STATUS Surf Csg:** 8 5/8 Prod Csg: 5 1/2 Wt: 15.5# 5920' Csg PBTD: 5909' Tbg: Size: 6.5# Grd: N-80 Pkr/EOT @: **BP/Sand PBTD:** 4660' PERFORATION RECORD <u>Zone</u> <u>Perfs</u> SPF/#shots **Zone Perfs** SPF/#shots **PB10** NEW 4602-08' 4/24 D 4876-84 4/32 NEW B2 5167-70', 84-87' 4/24 **D3** NEW 4988-90' 4/8 A 5288-5300' 4/48 GB 5026-29', 41-43' 4/20 A 5314- 25',28- 30' 4/52 GB 5046-52 4/24 LDC 5456- 62', 67- 74' 4/52 GB 5092-5104 4/48 NEW CP.5 5760- 65' 4/20 **CHRONOLOGICAL OPERATIONS Date Work Performed:** 12-8-04 SITP: SICP: Day (8b) Set RBP @ 4660'. Test to 2000 psi. TOH w/ tbg & pkr. RU isolation tool. RU BJ Services. Frac PB10 sands w/ 22,549# 20/40 sand in 282 bbls of Lightning 17 Fluid. Treated w/ ave pressure of 2365 psi @ ave rate of 24.6 BPM. Broke down @ 3128 psi. ISIP 2500 psi. RD BJ. Begin immediate flowback on 12/64 choke @ 1 BPM. Flowed for 2 1/2 hrs & died. Rec 86 BTF(30 % of frac). Remove isolation tool. RU washington head & tongs. SIFN w/ est. 3136 BWTR Starting fluid load to be recovered: 2940 Starting oil rec to date: Fluid <u>lost</u>/recovered today: 196 Oil lost/recovered today: Ending fluid to be recovered: 3136 Cum oil recovered: FFL: FTP: Final Fluid Rate: Choke: Final oil cut: STIMULATION DETAIL COSTS Base Fluid used: Lightning 17 Job Type: Sand Frac NC#1 \$1,569 **BJ Services** Company: NDSI hot oiler \$480 Procedure or Equipment detail: PB10 sands Graco BOP \$145 **PUMPED DOWN 5 1/2" 15.5# CSG** **BJ Services** \$16,911 1260 gals to get crosslink. Weatherford tools/serv \$2,305 1600 gals of pad. **NPC Supervision** \$150 1250 gals w/ 1-5 ppg 20/40 sand. 3343 gals w/ 5- 8 ppg 20/40 sand. 4391 gals of flush. Max TP: 2673 Max Rate: 26 Total fluid pmpd: 282 Avg TP: 2365 Avg Rate: 24.6 Total Prop pmpd: 22,549# ISIP: 2500 5 min: 10 min: FG: .98 **DAILY COST:** \$21,560

TOTAL WELL COST:

\$111,561

Completion supervisor:

Orson Barney



Attachment G-1 23 025

Drocont			<u>e 6-6-9-16</u>	cpo.	t Date: _	12.	10-04	Com	hierio	Duy. <u>-</u>
rieseiii	Operat	ion: Re-	completion	•			Rig:	NC	#1	
				WELL STATU	IS					
urf Csg:	8 5/8	@ 325'	Prod Csg: 5 1/2	•	15.5#	@	5920'	Csg P	BTD:	5878'
bg:	Size:			N-80	Pkr/EO1	[@:_	5827'	BP/Sand PE		5876'
			DEDE	ODATION D						
Zone		Perfs	SPF/#shots	ORATION R	<u>ECORD</u> Zone	.		Perfs ·		SPF/#shot
PB10	NEW	4602- 08'	4/24		2011	2		rens		SF1 I#SHOL
)		4876- 84'	4/32	NEW	B2		5167	70', 84- 87'		4/24
3	NEW	4988- 90'	4/8	•	Α		***************************************	5300'		4/48
B B	-	5026- 29', 41- 43' 5046- 52'	<u>4/20</u> 4/24	•	LDC			25',28- 30' 62', 67- 74'		4/52
В	_	5092- 5104'	4/48	NEW			5760			4/20
	,,,,,,,,,		····	LOGICAL OF		NS	***************************************			
ate Work	Perfor	med:	12-9-04				SITP:		SICP:	100 psi
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	racavar	I to be recovered:		Starting oil		_				
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КВ	id to be	ed today: recovered: FFL: NG DETAIL PULLED	16 3120 FTP: C RO AS 1-1/2" x 22	Oil lost/reco	overed too	day:		COSTS NC#1		\$3,18 \$27
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KB 163 TA 1 jt 1 SN 1 pe 3- jt	TUBI AS 10.00 - jts tbg 2.80' tbg 31 1.10' erf sub 4 s tbg 9	recovered: FFL: FFL: PULLED D' 5105.53' 5115.53' .26' 5149.59' 4.13' 2.42' w/ collar 0.80'	16 3120 FTP: C RO AS 1-1/2" x 22 3-6', 1-2' x 94-3/4" gui 78-3/4" pla 28-3/4" gui 4-1-1/2" wf 2-1/2"x1-1/2"	Oil lost/reco Cum oil reco Choke: DD DETAIL POLITED Polish rod 3/4" ponies ided rods ided rods ided rods ided rods	overed too	day:	Zu	COSTS NC#1 Zubiate hot oil Graco BOP biate trucking		\$3,18 \$27 \$14 \$36
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KB 163 TA 1 jt 1 SN 1 pe 3- jt	TUBI AS 10.00 - jts tbg 2.80' tbg 31 1.10' erf sub 4 s tbg 9	recovered: FFL: FFL: PULLED D' 5105.53' 5115.53' .26' 5149.59' 4.13' 2.42' w/ collar 0.80'	16 3120 FTP: C RO AS 1-1/2" x 22 3-6', 1-2' x 94-3/4" gui 78-3/4" pla 28-3/4" gui 4-1-1/2" wf 2-1/2"x1-1/2"	Oil lost/reco Cum oil reco Choke: DD DETAIL S PULLED L' Polish rod (3/4" ponies ided rods ided rods ided rods t bars 2"x16' RHAC	overed too	day:	Zu	COSTS NC#1 Zubiate hot oil Graco BOP biate trucking		\$3,18 \$27 \$14 \$36
KB 163 TA 1 jt 1 SN 1 pe 3- jt	TUBI AS 10.00 - jts tbg 2.80' tbg 31 1.10' erf sub 4 s tbg 9	recovered: FFL: FFL: PULLED D' 5105.53' 5115.53' .26' 5149.59' 4.13' 2.42' w/ collar 0.80'	16 3120 FTP: C RO AS 1-1/2" x 22 3-6', 1-2' x 94-3/4" gui 78-3/4" pla 28-3/4" gui 4-1-1/2" wf 2-1/2"x1-1/2"	Oil lost/reco Cum oil reco Choke: DD DETAIL S PULLED L' Polish rod (3/4" ponies ided rods ided rods ided rods t bars 2"x16' RHAC	overed too	day:	Zu	COSTS NC#1 Zubiate hot oil Graco BOP biate trucking C Supervision		\$3,18 \$27 \$14 \$36
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Attachment G-1 24 of 25

DAILY COMPLETION REPORT **WELL NAME:** Nine Mile 6-6-9-16 Report Date: 12-11-04 Completion Day: 10 **Present Operation:** Re-completion Rig: NC#1 WELL STATUS Prod Csg: 5 1/2 Wt: 15.5# 5920 Csg PBTD: 5878' Surf Csg: 8 5/8 6.5# Pkr/EOT @: 5613' **BP/Sand PBTD:** 5878' Grd: M-50 Tbg: PERFORATION RECORD **Zone** Perfs SPF/#shots Perfs SPF/#shots **PB10** NEW 4602-08' 4/24 4876-84' 4/32 NEW B2 5167-70', 84-87' 4/24 D NEW 4988-90' 4/8 Α 5288-53001 4/48 D3 A 5314- 25',28- 30' 4/52 5026- 29', 41- 43' 4/20 GB 5456- 62', 67- 74' LDC 4/52 5046-52' 4/24 GB 5760-65' 5092-5104 4/48 NEW CP.5 4/20 GB CHRONOLOGICAL OPERATIONS **Date Work Performed:** 12-10-04 SICP: SITP: 100 psi Zubiate hot oil thawed out BOP & WH. 100 psi on well. Bleed off pressure. EOT @ 5827'. RU swab equipment. IFL 2200'. Made 10 runs, Recovered 86 BTF. FFL 2400'. Final oil cut 20%, Heavy gas & no sand. RD swab. TIH w/ 2- jts of tbg. Tagged sand @ 5873'. RU pumplines. C/O to PBTD @ 5878'. Lost a total of 204 BW to well. LD 2 7/8 N-80 workstring. TIH w/ production tbg. NC, 1- it, SN "NEW", 1- it "NEW", TA, 9- its "NEW", 164- its tbg, 4- its "NEW" tbg. SIFN w/ est. 3238 BWTR Starting oil rec to date: Starting fluid load to be recovered: 3120 118 Oil lost/recovered today: Fluid lost/recovered today: 3238 Cum oil recovered: Ending fluid to be recovered: FTP: Final Fluid Rate: IFL: FFL: Choke: Final oil cut: **TUBING DETAIL ROD DETAIL** COSTS **AS PULLED AS PULLED** NC#1 \$3,217 Zubiate hot oil KB 10.00 1-1/2" x 22' Polish rod \$150 163- its tbg 5105.53' 3-6', 1-2' x 3/4" ponies Graco BOP \$145 TA 2.80' 5115.53 94- 3/4" guided rods Zubiate trucking \$250 1 jt tbg 31.26' 78- 3/4" plain rods **NPC Supervision** \$300 5149.59 SN 1.10' 28-3/4" guided rods 4- 1-1/2" wt bars 1 perf sub 4.13' 3- jts tbg 92.42' 2-1/2"x1-1/2"x16' RHAC 1 Bull plug w/ collar 0.80' Randy's pump w/ double SV EOT 5248.04' **DAILY COST:** \$4,062

TOTAL WELL COST:

\$119,891

Completion supervisor:

Orson Barney



Attachment G-1 25 of 25

DAILY COMPLETION REPORT Report Date:

WELL	NAME:	·	Nine M	lile 6-6-	9-16		_ кер	ort L)ate: _	1	2-14-0	4	_	Co	mpletio	n Day: 11
Present	Operat	ion:	Re	e-comp	letion		- -		_			Rig:		N	IC#1	
							WELL STA	TUS								
Surf Csg:	8 5/8	@	325'	Pro	od Csg:			/t: 1	-	@	59:	20'		Csg	PBTD:	5878'
Tbg:	Size:	2-7	/8" W	/t:	6.5#	Grd:	M-50	F	kr/EO	т @:]	56	13'	BP	_	PBTD:	5878'
						DED	EODATION	DEC	·OBD							
Zone			Perfs		SPF/	#shots	FORATION	KEC	Zon	e			Perf	S		SPF/#shots
PB10	NEW	4602-			4/24		-			<u> </u>			1 311	2		<u> </u>
D	-	4876-			4/32		_ NEV	W E	2				····	34- 87'		4/24
D3	NEW	4988-			4/8		•••	A				5288-			••••	4/48
GB GB		5026-	29', 41- 43	-	4/20		_	A	DC	-				8- 30' 67- 74'		4/52 4/52
GB GB		5092-			4/48		- NEV	w to				5760-)/- / -	-three	4/20
		***************************************		Materick	-	IRONC	LOGICAL	Intento		NS				***************************************		***************************************
Date Work	Perfor	med:		12-13	-04							SITP:			SICP	200 psi
	HIP	NAL RE	PORT !!!													
Starting fl	uid load	to be	recovered	l: <u> 3</u>	3238	_	Starting o	il re	to da	ıte:			0		_	
Fluid lost/			***************************************	35			Oil lost/re			day:			10			
Ending flu	iid to be	recove FFL:	erea:	327		_ (Cum oil re Choke:	ecov	ered:	Final	Fluid		10		Final	oil cut:
	TUDI	NG DE	TAII					i						000	_	
	TUBI	NG DE	IAIL			<u>K(</u>	DD DETAIL							COST		\$1,794
KB	10.00	O'			1-1/2	2" x 22	2' Polish ro	nd		•		7	'ubiate	e hot o	_	\$750
			(125.23')				X 3/4" pon			•				rucking	_	\$450
	- jts tbg		9.91'				uided(Top		EW)	,	RNI			lisposa		\$650
		***************************************	281.36')	*******			ain rods			•			************	an/disp		\$626
,,,,,			9.30' KB			······································	ided(BTM	10 N	JFW)	•	***************************************	***************************************	***************************************	11dys	*****	\$880
	tbg "NE						t bar(BTM			•				11 dys	_	\$1,320
			30.60' KB	_	-		/2"x16' RH			•				ic valv		\$510
***************************************	tbg (3	***************************************		and the same of th	"CDI				···············	•		***************************************	***************************************	/8 N-8	-	\$4,194
***************************************	0.45'					***************************************				•	Addi	***************************************	************	wt bars	****	\$1,098
	T @ 56	31345'			•					•				g 15 jt	_	\$932
	<u> </u>									•	······································			frac w		\$1,920
										•				ervisio	_	\$150
												AILY			_	
											D	AIL!	COSI	:		\$15,274

ATTACHMENT H

WORK PROCEDURE FOR PLUGGING AND ABANDONMENT

1.		Set CIBP @ 4552'
2.	Plug #1	Set 100' plug on top of CIBP using 12 sx Class "G" cement
3.	Plug #2	182' balance plug using 21 sx Class "G" cement 50' above Trona-Bird's Nest extending 50' below base of Mahogany Oil Shale
4.	Plug #3	120' balance plug using 14 sx Class "G" cement 60' above Uinta/Green River and extending 60' below
5.	Plug #4	Pump 44 sx Class "G" Cement down 5-1/2" casing to 375'

The approximate cost to plug and abandon this well is \$59,344.

Nine Mile #6-6-9-16

Spud Date: 11/6/97 Put on Production: 12/17/97 GL: 5841' KB: 5854'

Initial Production: 75 BOPD, 74 MCFPD, 36 BWPD



CSG SIZE: 8-5/8" GRADE: J-55

WEIGHT:24#

LENGTH: 8 jts (311.79')

DEPTH LANDED: 324.70' KB

HOLE SIZE:12-1/4"

CEMENT DATA: 160 sxs Premium cmt, est 1 bbls to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"

GRADE: J-55

WEIGHT: 15.5#

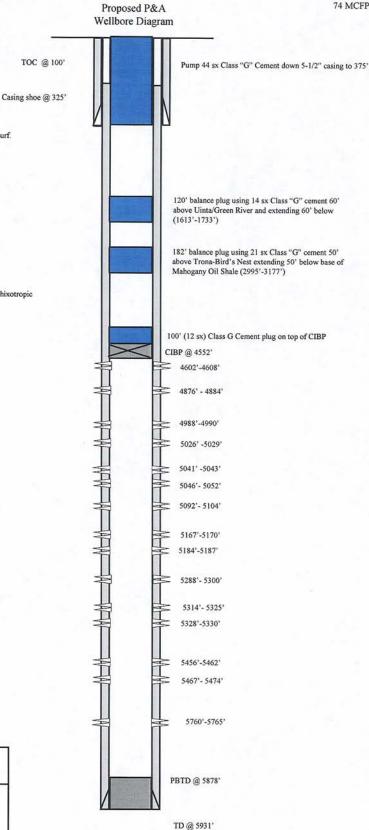
LENGTH: 138 jts. (5907.44')

DEPTH LANDED: 5920,77'

HOLE SIZE: 7-7/8"

CEMENT DATA: 390 sks Hibond mixed & 350 sks thixotropic

CEMENT TOP AT: 100' per CBL





Nine Mile #6-6-9-16 2011 FNL & 1869 FWL SENW Section 6-T9S-R16E Duchesne Co, Utah API #43-013-31719; Lease #UTU-74390

FORM 3160-5
(August 2007)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB No. 1004-0137 Expires: July 31,2010

SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals. SUBMIT IN TRIPLICATE - Other Instructions on page 2 7. If Unit or CA/Agreement, Name and/or GMBU 1. Type of Well 1. Type of Well 2. Name of Operator NeWFIELD PRODUCTION COMPANY 3a. Address Route 3 Box 3630 3b. Phone (include are code) 430.6317.9 4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 20.11 FNL 1869 FWL SENW Section 6 T9S R16E 1. CHECK APPROPRIATE BOX(ES) TO INIDICATE NATURE OF NOTICE, OR OTHER DATA TYPE OF SUBMISSION TYPE OF ACTION 1. Type of Well Acidize Acidize Acidize Pepen Acidize Pepen Acidize Casing Repair New Construction Change Plans Plug & Abandon Plug Back Water Change Plans Plug & Abandon Temporarily Abandon Water Disposal 1. Describe Proposed or Completed Operation: (Clearly state all pertinent details, including estimated stating date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete in a multiple completion in a new interval, a Form 3160-4 the filed only after all requirements, including reclamation, have been completed, and the operation read that the site is ready for final inspection. Newfield Production proposes to convert the above mentioned well from a producing oil well to an injection well.
Bo not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals. SUBMIT IN TRIPLICATE - Other Instructions on page 2 7. If Unit or CA/Agreement, Name and/or GMBU GMBU 1. Type of Well Goil Well Goil Well Goil Well Goas Well Other 3. Address Route 3 Box 3630 Myton, UT 84052 4. Location of Well Footage, Sec., T., R., M., or Survey Description) SENW Section 6 T9S R16E 12. CHECK APPROPRIATE BOX(ES) TO INIDICATE NATURE OF NOTICE, OR OTHER DATA TYPE OF SUBMISSION TYPE OF ACTION New Construction Recomplete Acidize Acidize Deepen Production (Start/Resume) Acidize Acidize Deepen Production (Start/Resume) Water Shut-Off Alter Casing Fracture Treat Reclamation Well Integrity Casing Repair New Construction Recomplete Change Plans Convert to Injector Plug Back Water Disposal 13. Describe Proposed or Completed Operation: (Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Boad under which he work will be performed or provide the flow Nb. MBL. Required subsequent shad be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)
SUBMIT IN TRIPLICATE - Other Instructions on page 2 7. If Unit or CA/Agreement, Name and/or GMBU 1. Type of Well Gas Well Other 2. Name of Operator NINE MILE 6-6 NEWFIELD PRODUCTION COMPANY 3a. Address Route 3 Box 3630 Myton, UT 84052 4. Location of Well (Footage, Sec., T., R., M., or Starvey Description) 2011 FNL 1869 FWL SENW Section 6 T9S R16E 12. CHECK APPROPRIATE BOX(ES) TO INIDICATE NATURE OF NOTICE, OR OTHER DATA TYPE OF SUBMISSION TYPE OF ACTION 12. CHECK APPROPRIATE BOX(ES) TO INIDICATE NATURE OF NOTICE, OR OTHER DATA TYPE OF SUBMISSION TYPE OF ACTION Acidize Deepen Production (Start/Resume) Water Shut-Off Alter Casing Fracture Treat Reclamation Well Integrity Subsequent Report Casing Repair New Construction Recomplete Change Plans Plug & Abandon Temporarily Abandon Temporarily Abandon 13. Describe Proposed or Completed Operation: (Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the lood No. on file with BLMBIA. Required subsequent flow within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleted, and the operator has determined that the site is ready for final inspection.)
SUBMIT IN TRIPLICATE - Other Instructions on page 2 7. If Unit or CA/Agreement, Name and/or GMBU 1. Type of Well
Type of Well Gas Well Other S. Well Name and No. NINE MILE 6-6 NEWFIELD PRODUCTION COMPANY S. Well Name and No. NINE MILE 6-6 NEWFIELD PRODUCTION COMPANY S. Well No. Address Route 3 Box 3630 3b. Phone (include are code) 435.646.3721 10. Field and Pool, or Exploratory Area 435.646.3721 435.646.3721 11. County or Parish, State SENW Section 6 T9S R16E DUCHESNE, UT 11. County or Parish, State DUCHESNE, UT 12. CHECK APPROPRIATE BOX(ES) TO INIDICATE NATURE OF NOTICE, OR OTHER DATA TYPE OF SUBMISSION TYPE OF ACTION Water Shut-Off Address Reclamation Well Integrity Water Shut-Off Subsequent Report Casing Repair New Construction Recomplete Other Other Change Plans Plug & Abandon Temporarily Aband
Type of Well Gas Well Other S. Well Name and No. NINE MILE 6-6 NEWFIELD PRODUCTION COMPANY S. Well Name and No. NINE MILE 6-6 NEWFIELD PRODUCTION COMPANY S. Well No. Address Route 3 Box 3630 3b. Phone (include are code) 435.646.3721 10. Field and Pool, or Exploratory Area 435.646.3721 435.646.3721 11. County or Parish, State SENW Section 6 T9S R16E DUCHESNE, UT 11. County or Parish, State DUCHESNE, UT 12. CHECK APPROPRIATE BOX(ES) TO INIDICATE NATURE OF NOTICE, OR OTHER DATA TYPE OF SUBMISSION TYPE OF ACTION Water Shut-Off Address Reclamation Well Integrity Water Shut-Off Subsequent Report Casing Repair New Construction Recomplete Other Other Change Plans Plug & Abandon Temporarily Aband
Name of Operator
Subsequent Report Gas Well Other S. Well Name and No.
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NEWFIELD PRODUCTION COMPANY 3a. Address Route 3 Box 3630
3a. Address Route 3 Box 3630 Myton, UT 84052 4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 2011 FNL 1869 FWL SENW Section 6 T9S R16E 12. CHECK APPROPRIATE BOX(ES) TO INIDICATE NATURE OF NOTICE, OR OTHER DATA TYPE OF SUBMISSION TYPE OF ACTION 12. CHECK APPROPRIATE BOX(ES) TO INIDICATE NATURE OF NOTICE, OR OTHER DATA TYPE OF SUBMISSION TYPE OF ACTION Notice of Intent Acidize Acidize Production (Start/Resume) Acidize Reclamation Water Shut-Off Alter Casing Fracture Treat Reclamation Well Integrity Casing Repair New Construction Recomplete Other Final Abandonment Convert to Injector Plug Back Water Disposal 13. Describe Proposed or Completed Operation: (Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleted, and the operator has determined that the site is ready for final inspection.)
Myton, UT 84052 4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 2011 FNL 1869 FWL SENW Section 6 T9S R16E 12. CHECK APPROPRIATE BOX(ES) TO INIDICATE NATURE OF NOTICE, OR OTHER DATA TYPE OF SUBMISSION TYPE OF ACTION Acidize
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Final Abandonment Convert to Injector Plug Back Water Disposal Water Disposal Under Disposal Water Disposal
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I hereby certify that the foregoing is true and
I hereby certify that the foregoing is true and correct (Printed Typed) Title
correct (Printed/Typed)
Correct (Printed/ Typed) Eric Sundberg Regulatory Lead
Correct (Printed/ Typed) Eric Sundberg Regulatory Lead Date
Correct (Printed/ Typed) Eric Sundberg Regulatory Lead Signature Date 05/06/2010
Correct (Printed/ Typed) Eric Sundberg Regulatory Lead Date
Correct (Printed/ Typed) Eric Sundberg Regulatory Lead Signature Date 05/06/2010
Correct (Printed/ Typed) Eric Sundberg Signature Date 05/06/2010 THIS SPACE FOR FEDERAL OR STATE OFFICE USE
Correct (Printed/ Typed) Eric Sundberg Regulatory Lead Date 05/06/2010

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

STATE OF UTAH

DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING					5. LEASE DESIGNATION AND SERIAL NUMBER: USA UTU-74390	
SUNDRY NOTICES AND REPORTS ON WELLS					6. IF INDIAN, ALLOTTEE OR TRIBE NAME:	
Do not use this form for proposals to dri wells, or to drill horizonta	II new wells, significantly de Il laterals. Use APPLICATIO				7. UNIT or CA AGREEMENT NAME: GMBU	
1. TYPE OF WELL: OIL WELL		OTHER			8. WELL NAME and NUMBER: NINE MILE 6-6	
2. NAME OF OPERATOR:				· · · · · · · · · · · · · · · · · · ·	9. API NUMBER:	
NEWFIELD PRODUCTION COM	PANY				4301331719	
3. ADDRESS OF OPERATOR:				PHONE NUMBER	10. FIELD AND POOL, OR WILDCAT:	
Route 3 Box 3630 4. LOCATION OF WELL:	CITY Myton	STATE UT	ZIP 84052	435.646.3721	GREATER MB UNIT	
FOOTAGES AT SURFACE: 2011 FNL 1	869 FWL				COUNTY: DUCHESNE	
OTR/OTR, SECTION, TOWNSHIP, RANGE,	MERIDIAN: SENW, 6, T	9S, R16E			STATE: UT	
II. CHECK APPROF	RIATE BOXES T	O INDICATI	E NATURE C	OF NOTICE, REI	PORT, OR OTHER DATA	
TYPE OF SUBMISSION			TY	PE OF ACTION		
Nomen on number	ACIDIZE		DEEPEN		REPERFORATE CURRENT FORMATION	
NOTICE OF INTENT (Submit in Duplicate)	ALTER CASING		FRACTURE T	REAT	SIDETRACK TO REPAIR WELL	
Approximate date work will	CASING REPAIR		NEW CONSTR	RUCTION	TEMPORARITLY ABANDON	
	CHANGE TO PREVIOUS	S PLANS	OPERATOR C	HANGE	TUBING REPAIR	
	CHANGE TUBING		PLUG AND A		VENT OR FLAIR	
X SUBSPOUENT REPORT	CHANGE WELL NAME		PLUG BACK	5.2.2011	WATER DISPOSAL	
SUBSEQUENT REPORT (Submit Original Form Only)	I =		=	. (OT + DT/TTOD)	<u> </u>	
Date of Work Completion:	X CHANGE WELL STATU		=	N (START/STOP)	WATER SHUT-OFF	
11/10/2010	COMMINGLE PRODUC		=	ON OF WELL SITE	OTHER: -	
11/10/2010	X CONVERT WELL TYPE		RECOMPLET	E - DIFFERENT FORMATIO	N	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. The subject well has been converted from a producing oil well to an injection well on 11/04/2010. On 11/09/2010 Dennis Ingram with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. Permission was given at that time to perform the test on 11/09/2010. On 11/10/2010 the casing was pressured up to 1225 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 20 psig during the test. There was a State representative available to witness the test - Dennis Ingram. API# 43-013-31719						
NAME (PLEASE PRINT) Lucy Chavez-N	aupoto		7	TITLE Administrative A	Assistant	
SIGNATURE Aue,	Dr. Spir			DATE 11/11/2010		

(This space for State use only)

RECEIVED NOV 2 2 2010 FORM 3160-5 (August 2007)

UNITED STATES DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

Convert to Injector

FORM APPROVED OMB No. 1004-0137 Expires: July 31,2010

Lease Serial No.	
USA UTU-74390	

SUNDR' Do not use t abandoned w	USA UTU-74390 6. If Indian, Allottee or Tribe Name.					
	TRIPLICATE - Oth	er Instructions on page 2		7. If Unit or CA/A	Agreement, Name and/or	
2. Name of Operator	Other		·	8. Well Name and NINE MILE 6-6		
NEWFIELD PRODUCTION CO 3a. Address Route 3 Box 3630 Myton, UT 84052	OMPANY	3b. Phone (include are 435,646,3721	e code)	9. API Well No. 4301331719	l, or Exploratory Area	-
**************************************	Sec., T., R., M., or Survey De			GREATER MB 11. County or Par	UNIT	
SENW Section 6 T9S R16E				DUCHESNE, U	JT .	
12. CHECK	CAPPROPRIATE BOX	X(ES) TO INIDICATE NA	ATURE OF	NOTICE, OR OT	HER DATA	
TYPE OF SUBMISSION		ТҮР	E OF ACTIO	N		
Notice of Intent	Acidize Alter Casing	Deepen Fracture Treat	Reclam		☐ Water Shut-Off ☐ Well Integrity	
✓ Subsequent Report	Casing Repair Change Plans	New Construction Plug & Abandon	Recomposition	piete rarily Abandon	Other Change Status	_

13. Describe Proposed or Completed Operation: (Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Plug Back

■ Water Disposal

The subject well has been converted from a producing oil well to an injection well on 11/04/2010. On 11/09/2010 Dennis Ingram with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. Permission was given at that time to perform the test on 11/09/2010. On 11/10/2010 the casing was pressured up to 1225 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 20 psig during the test. There was a State representative available to witness the test - Dennis Ingram.

API# 43-013-31719

Final Abandonment

I hereby certify that the foregoing is true and correct (Printed/Typed)	Title						
Lucy Chavez-Naupoto	Administrative Assistant						
Signature duy (On- Move)	Date 11/11/2010						
Approved by	Title	Date					
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office						

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United

States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

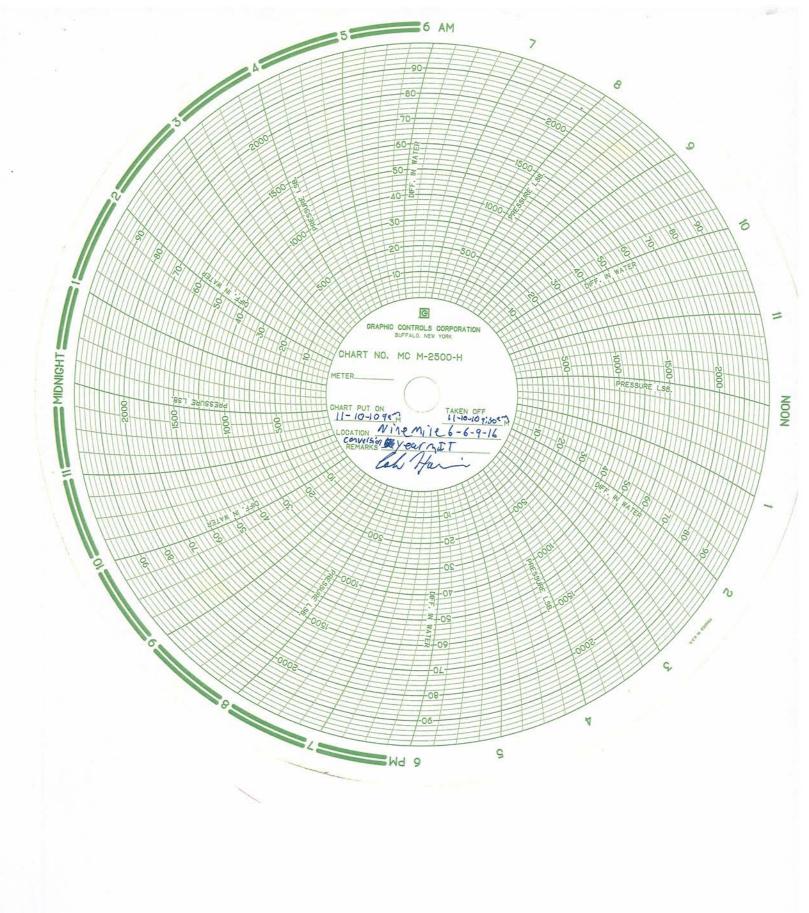
RECEIVED

Mechanical Integrity Test Casing or Annulus Pressure Test

Newfield Production Company Rt. 3 Box 3630 Myton, UT 84052 435-646-3721

am pm

Witness: Denni's In	a rom	Data 11 / 10/ 10	Time 9'00
Test Conducted by: Cold		Date 11 101 10	1 BLAIG 1, 00
Others Present: Jared R			
-			
Well: Nine Mile 6 - 6-9	'-16	Field: Monu	men+ Butte
Well Location: 5 年 / N い	5 e C · 6, T	95, RIG API No: 43-6	013-31719
Duchesne county u	tah		
	<u>Time</u>	Casing Pressure	
*	0 min	1225	psig
	5		psig
**1	10	1225	psig
	15	1225	psig
	20	1225	psig
	25 .	1225	psig
	30 m in	1225	psig
	35.		psig
	40		psig
	45		psig
	50		psig
:	55		psig
· (60 min		psig
Tubing p	ressure:	20	psig
Res	sult:	Pass Fa	il
Signature of Witness:		mo de	
•	11	11.01	
Signature of Person	on Yondu	cung rest:///	



Daily Activity Report

Format For Sundry NINE MILE 6-6-9-16 9/1/2010 To 1/30/2011

11/5/2010 Day: 2

Conversion

Rigless on 11/5/2010 - TOH W/ production tbg. TIH W/ packer & test injection string. Set & test packer. RDMOSU. - MIRU Western rig #7. RU HO trk to annulus & pump 60 BW @ 250°F. RU pumping unit & unseat rod pump. Flush tbg & rods W/ 30 BW @ 250°F. Re-seat pump, soft joint rod string & strip off flow-T. Fill tbg W/ 5 BW. Pressure test tbg to 3000 psi. Retrieve rod string & unseat pump. TOH & LD rod string and pump. Re-flushed rods twice more on TOH. - MIRU Western rig #7. RU HO trk to annulus & pump 60 BW @ 250°F. RU pumping unit & unseat rod pump. Flush tbg & rods W/ 30 BW @ 250°F. Re-seat pump, soft joint rod string & strip off flow-T. Fill tbg W/ 5 BW. Pressure test tbg to 3000 psi. Retrieve rod string & unseat pump. TOH & LD rod string and pump. Re-flushed rods twice more on TOH. - Perform MIT. Run Vaughn Energy Services gyro survey. - Perform MIT. Run Vaughn Energy Services gyro survey. - RU HO trk to tbg & flush W/ 30 BW @ 250°F. ND wellhead & release TA @ 5734'. NU BOP. TOH & talley production tbg. Break each connection, clean & inspect pins and apply Liquid O-ring to pins. LD btm 39 jts & BHA. Re-flush tbg twice more on TOH W/ 40 BW, MU & TIH W/ new Weatherford 5 1/2" Arrowset 1-X packer (W/ wicker slips & W.L. re-entry guide), new 2 7/8 SN and 145 jts 2 7/8 8rd 6.5# M-50 tbg. Re-torque each connection on TIH. RU HO trk & pump 10 bbls pad. Drop standing valve & pump to SN. Pressure test tbg to 3000 psi. Bled air & re-bumped pressure several times. Final test held solid for 30 minutes. Retrieve standing valve W/ overshot on sandline. ND BOP & land tbg on flange. Mix 15 gals Multi-Chem C-6031 & 5 gals B-8850 in 70 bbls fresh water. Pump dn annulus @ 90°F. PU on tbg & set pkr W/ SN @ 4554', CE @ 4558' & EOT @ 4563'. Land tbg W/ 15,000# tension. NU wellhead. Pressure test annulus & pkr to 1500 psi. Holds solid for 1 hour. RDMOSU. - RU HO trk to tbg & flush W/ 30 BW @ 250°F. ND wellhead & release TA @ 5734'. NU BOP. TOH & talley production tbg. Break each connection, clean & inspect pins and apply Liquid O-ring to pins. LD btm 39 jts & BHA. Re-flush tbg twice more on TOH W/ 40 BW. MU & TIH W/ new Weatherford 5 1/2" Arrowset 1-X packer (W/ wicker slips & W.L. re-entry guide), new 2 7/8 SN and 145 jts 2 7/8 8rd 6.5# M-50 tbg. Re-torque each connection on TIH. RU HO trk & pump 10 bbls pad. Drop standing valve & pump to SN. Pressure test tbg to 3000 psi. Bled air & re-bumped pressure several times. Final test held solid for 30 minutes. Retrieve standing valve W/ overshot on sandline. ND BOP & land tbg on flange. Mix 15 gals Multi-Chem C-6031 & 5 gals B-8850 in 70 bbls fresh water. Pump dn annulus @ 90°F. PU on tbg & set pkr W/ SN @ 4554', CE @ 4558' & EOT @ 4563'. Land tbg W/ 15,000# tension. NU wellhead. Pressure test annulus & pkr to 1500 psi. Holds solid for 1 hour. RDMOSU. - MIRU Western rig #7. RU HO trk to annulus & pump 60 BW @ 250°F. RU pumping unit & unseat rod pump. Flush tbg & rods W/ 30 BW @ 250°F. Re-seat pump, soft joint rod string & strip off flow-T. Fill tbg W/ 5 BW. Pressure test tbg to 3000 psi. Retrieve rod string & unseat pump. TOH & LD rod string and pump. Re-flushed rods twice more on TOH. - MIRU Western rig #7. RU HO trk to annulus & pump 60 BW @ 250°F. RU pumping unit & unseat rod pump. Flush tbg & rods W/ 30 BW @ 250°F. Re-seat pump, soft joint rod string & strip off flow-T. Fill tbg W/ 5 BW. Pressure test tbg to 3000 psi. Retrieve rod string & unseat pump. TOH & LD rod string and pump. Reflushed rods twice more on TOH. - Perform MIT. Run Vaughn Energy Services gyro survey. -Perform MIT. Run Vaughn Energy Services gyro survey. - RU HO trk to tbg & flush W/ 30 BW @ 250°F. ND wellhead & release TA @ 5734'. NU BOP. TOH & talley production tbg. Break each connection, clean & inspect pins and apply Liquid O-ring to pins. LD btm 39 its & BHA. Re-flush tbg twice more on TOH W/ 40 BW. MU & TIH W/ new Weatherford 5 1/2" Arrowset 1-X packer (W/ wicker slips & W.L. re-entry guide), new 2 7/8 SN and 145 jts 2 7/8 8rd 6.5# M-50 tbg. Re-torque each connection on TIH. RU HO trk & pump 10 bbls pad. Drop standing valve & pump to SN. Pressure test tbg to 3000 psi. Bled air & re-bumped pressure several times. Final test held solid for 30 minutes. Retrieve standing valve W/ overshot on sandline.

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Daily Cost: \$0

Cumulative Cost: \$32,180

11/11/2010 Day: 3

Conversion

Rigless on 11/11/2010 - Conversion MIT done on well - On 11/9/2010 Dennis Ingram with the State of Utah DOGM was contacted concerning the Conversion MIT on the above listed well (Nine Mile 6-6-9-16). Permission was given at that time to perform the test on 11/9/2010. On 11/10/2010 the csg was pressured up to 1225 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test . The tbg pressure was 20 psig during the test. There was a State representative available to witness the test. (Dennis Ingram) API # 43-013-31719 - On 11/9/2010 Dennis Ingram with the State of Utah DOGM was contacted concerning the Conversion MIT on the above listed well (Nine Mile 6-6-9-16). Permission was given at that time to perform the test on 11/9/2010. On 11/10/2010 the csg was pressured up to 1225 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test . The tbg pressure was 20 psig during the test. There was a State representative available to witness the test. (Dennis Ingram) API # 43-013-31719 **Finalized**

Daily Cost: \$0

Cumulative Cost: \$57,500

Pertinent Files: Go to File List



State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

June 29, 2010

Newfield Production Company 1001 Seventeenth Street, Suite 2000 Denver, CO 80202

Subject: Greater Monument Butte Unit Well: Nine Mile 6-6, Section 6, Township 9 South, Range 16 East,

SLBM, Duchesne County, Utah, API Well # 43-013-31719

Gentlemen:

Pursuant to Utah Admin. Code R649-5-3-3, the Division of Oil, Gas and Mining (the "Division") issues its administrative approval for conversion of the referenced well to a Class II injection well. Accordingly, the following stipulations shall apply for full compliance with this approval:

- 1. Compliance with all applicable requirements for the operation, maintenance and reporting for Underground Injection Control ("UIC") Class II injection wells pursuant to Utah Admin. Code R649-1 et seq.
- 2. Conformance with all conditions and requirements of the complete application submitted by Newfield Production Company.
- 3. A casing\tubing pressure test shall be conducted prior to commencing injection.
- 4. Pressure shall be monitored between the surface casing and the production casing on a regular basis. Any pressure changes observed shall be reported to the Division immediately.

A final approval to commence injection will be issued upon satisfactory completion of the listed stipulations. If you have any questions regarding this approval or the necessary requirements, please contact Mark Reinbold at 801-538-5333 or Brad Hill at 801-538-5315.

Sincerely,

Dan Jarvis

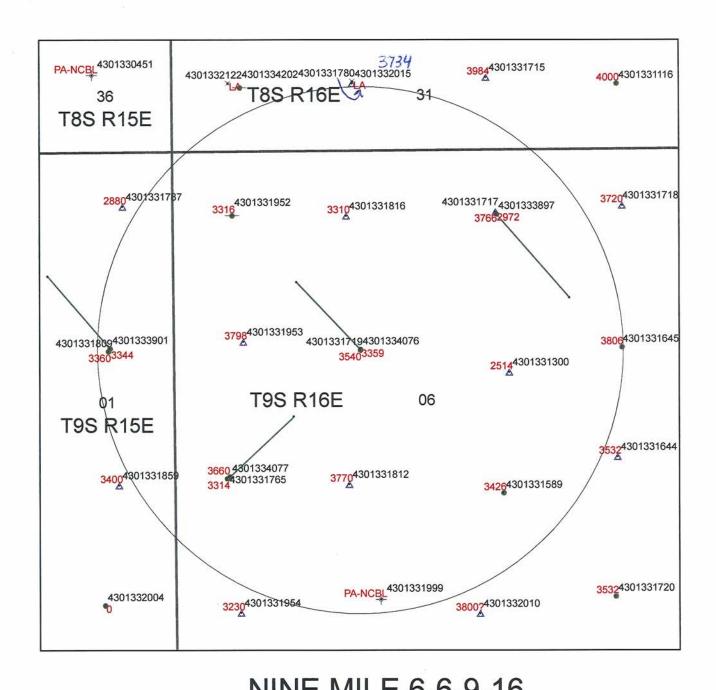
Acting Associate Director

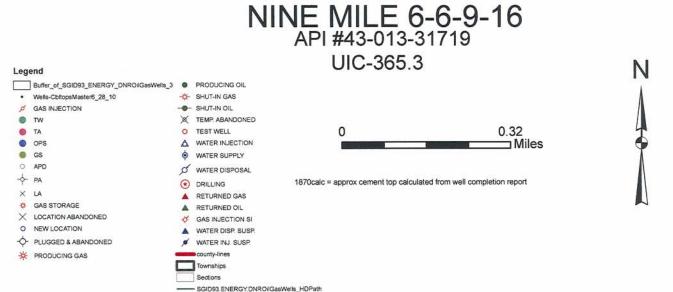
DJJ/MLR/js

cc: Bruce Suchomel, Environmental Protection Agency
Bureau of Land Management, Vernal
Duchesne County
Newfield Production Company, Myton
Well File

N:\O&G Reviewed Docs\ChronFile\UIC







DIVISION OF OIL, GAS AND MINING UNDERGROUND INJECTION CONTROL PROGRAM PERMIT STATEMENT OF BASIS

Applicant:_	Newfield Production Co	ompany Well:	Nine Mile 6-6-9-16	
Location:_	6/9S/16E	API:	43-013-31719	

Ownership Issues: The proposed well is located on BLM land. The well is located in the Greater Monument Butte Unit. Lands in the one-half mile radius of the well are administered by the BLM. The Federal Government is the mineral owner within the area of review. Newfield and other various individuals hold the leases in the unit. Newfield has provided a list of all surface, mineral and leaseholders in the half-mile radius. Newfield is the operator of the Greater Monument Butte Unit. Newfield has submitted an affidavit stating that all owners and interest owners have been notified of their intent.

Well Integrity: The proposed well has surface casing set at 325 feet and has a cement top at the surface. A 5½ inch production casing is set at 5,921 feet. A cement bond log demonstrates adequate bond in this well up to 3,540 feet. A 2 7/8 inch tubing with a packer will be set at 4,552 feet. Higher perforations will be opened at a later date. A mechanical integrity test will be run on the well prior to injection. On the basis of surface locations, there are 8 producing wells, 1 P/A well, 2 shut-in wells, and 5 injection wells in the area of review (AOR). One of those producing wells has a bottom hole location outside the AOR. All of the wells have evidence of adequate casing and cement.

Ground Water Protection: As interpreted from Technical Publication No. 92, the base of moderately saline water is at a depth of approximately 600 feet. Injection shall be limited to the interval between 4,166 feet and 5,931 feet in the Green River Formation. Information submitted by Newfield indicates that the fracture gradient for the 6-6-9-16 well is 0.80 psi/ft., which was the lowest reported fracture gradient for the injection zone. The resulting minimum fracture pressure for the proposed injection interval is 2,083 psig. The requested maximum pressure is 2,083 psig. We intend to permit this well at a maximum pressure of 2,000 psig. The anticipated average injection pressure is 1100 psig. Injection at this pressure should not initiate any new fractures or propagate existing fractures in the adjacent confining intervals. Any groundwater present should be adequately protected.

Nine Mile 6-6-9-16 page 2

Oil/Gas& Other Mineral Resources Protection: The Board of Oil, Gas & Mining approved the Greater Monument Butte Unit on December 1, 2009. Correlative rights issues were addressed at this time. Previous reviews in this area indicate that other mineral resources in the area have been protected or are not at issue.

Bonding: Bonded with the BLM

Actions Taken and Further Approvals Needed: A notice of agency action has been sent to the Salt Lake Tribune and the Uinta Basin Standard. A casing/tubing pressure test will be required prior to injection. It is recommended that approval of this application be granted.

Note: Applicable technical publications concerning water resources in the general vicinity of this project have been reviewed and taken into consideration during the permit review process.

Reviewer(s): Mark Reinbold	Date	6/29/2010
----------------------------	------	-----------

AFFIDAVIT OF PUBLICATION

County of Duchesne, STATE OF UTAH

I, Geoff Liesik on oath, say that I am the EDITOR of the Uintah Basin Standard, a weekly newspaper of general circulation, published at Roosevelt, State and County aforesaid, and that a certain notice, a true copy of which is hereto attached, was published in the full issue such newspaper for ______ consecutive issues, and that the first publication was on the ______ day of _______, 20 ______, and that the last publication of such notice was in the issue of such newspaper dated the _______ day of _______, 20 _______, and that said notice was published on Utahlegals. com on the same day as the first newspaper publication and the notice remained on Utahlegals.com until the end of the scheduled run.

Editor

Subscribed and sworn to before me this

Donne Parrish

Notary Public



250/REB/GGUICAOMIN/GF10/6/31

NOTICE OF AGENCY ACTION CAUSE NO. UIC-365

BEFORE THE DIVI-SIONOFOIL, GASAND MINING

DEPARTMENT OF NATURAL RESOURC-ES

STATE OF UTAH IN THE MATTER OF THE APPLICATION OF NEWFIELD PRO-DUCTION COMPANY FOR ADMINISTRA-TIVE APPROVAL OF CERTAIN WELLS LO-CATEDINSECTION 24, TOWNSHIP 8 SOUTH, RANGE 16 EAST, AND SECTIONS 5, 6, and 8, TOWNSHIP 9 SOUTH, RANGE 16 EAST; DUCHESNE COUNTY UTAH, AS CLASS II INJECTION WELLS. THESTATEOFUTAH

THESTATEOFUTAH
TO ALL PERSONS INTERESTED IN THE
ABOVE ENTITLED
MATTER.

COMING SOCIETY

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Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. The Division's Presiding Officer for the proceeding is Acting Associate Director - Oil and Gas, at P.O. Box 145801, Salt Lake City, UT 84114-5801. phone number (801) 538-5340. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedural rules. Protestants and/or interveners should be prepared to demonstrate at the hearing how this matter affects their inter-

Dated this 27th day of May, 2010. STATE OF UTAH

DIVISION OF OIL, GAS & MINING

/s/ Gil Hunt Associate Director Published in the Uintah Basin Standard June 1, 2010.



Send Payments to: 268 S 200 E Roosevelt, Utah 84066 Phone: 435-722-5131 Fax: 435-722-4140 www.ubstandard.com www.vernal.com Invoice Number

Invoice Date

1713

6/15/2010

Advertiser No.

Invoice Amount

Due Date

2080

\$112.00

7/15/2010

Rose Nolton DIVISION OF OIL GAS & MINING 1594 W. N.TEMPLE STE 121 PO BOX 145801

SALT LAKE CITY, UT 84114-5801

JUN 17 2010

DIV. OF OIL, GAS & MINING

1 1/2% fee will be charged to all past due balances.

Amount Enclosed

Please detach top portion and return with your payment.

INVOICE

Uintah Basin Standard

DIVISION OF OIL GAS & MINING

Invoice No. 1713

6/15/2010

Date	Order Publication	Description	Ad Size	Sales Tax	Amount
6/15/2010	**************************************	Notice of Agency Action Cause No. UIC-365 Ran June 1, 2010	and a gradefinite and a grade to the company of the	\$0.00	\$112.00
			Total Transactions: 1	\$0.00	\$112.00

SUMMARY

Advertiser No. 2080

Invoice No.

1713

1 1/2% fee will be charged to all past due balances.

Thank You for your business!

The Salt Lake Tribune



Morning News

PROOF OF PUBLICATION

CUSTOMER'S COPY

CUSTOMER NAME AND ADDRESS	ACCOUNT NUMBER	DATE
DIV OF OIL-GAS & MINING, 1594 W NORTH TEMP #1210	9001402352	6/3/2010
P.O. BOX 145801 SALT LAKE CITY, UT 84114	1 1 1 1 1 1 m	CA PARK

ACCOUN	IT NAME			
DIV OF OIL-GAS & MINING,		BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATURAL RESOURCES STATE OF UTAH NOTICE OF AGENCY ACTION CAUSE NO. UIC-365		
TELEPHONE	ADORDER# / INVOICE NUMBER	IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN		
8015385340	0000582622 /	WELLS LOCATED IN SECTION 24, TOWNSHIP 8 SOUTH, RANG 16 EAST, AND SECTIONS 5, 6, and 8, TOWNSHIP 9 SOUTH RANGE 16 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II IN JECTION WELLS.		
SCHEI	DULE	THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THABOVE ENTITLED MATTER.		
Start 06/02/2010	End 06/02/2010	Notice is hereby given that the Division of Oil, Gas and Mil ing (the "Division") is commencing an informal adjudicativ proceeding to consider the application of Newfield Produ fion Company for administrative approval of the followin wells located in Duchesne County, Utah, for conversion:		
CUST, R		Class II injection wells: Greater Monument Butte Unit:		
Cause No. UIC	Greater Monument Butte Unit: Federal 10-24-8-16 well located in NW/4 SE/4, Section 24 Township 8 South, Range 16 East, South Wells Draw 16-51 9-16 well located in SE/4 SE/4, Section 5, Township 9 South Range 16 East Nine Mile 4-6-9-16 well located in NW/ NW/4, Section 6, Township 9 South, Range 16 East Nine Mile 6-6-9-16 well located in SE/4 NW/4, Section 6, Township 1 South, Range 16 East West Point 6-8-9-16 well located in SE/4 NW/4 Section 9.			
CAPI	6-6-9-16 well located in SE/4 NW/4, Section 6, Township South, Range 16 East West Point 6-8-9-16 well located SE/4 NW/4, Section 8, Township 9 South, Range 16 E Monument Federal 31-8-9-16 well located in NW/4 NE/			
BEFORE THE DIVISIO	PECODE THE DIVISION OF OUR CAS AND MINI			
SIZ	ZE,	The proceeding will be conducted in accordance with L Admin. R649-10, Administrative Procedures. Selected zones in the Green River Formation will be used water injection. The maximum requested injection press		
65 Lines	2.00 COLUMN	and rates will be determined based on fracture gradient in formation submitted by Newfield Production Company. Any person destring to object to the application or otherwise		
TIMES	RATE	intervene in the proceeding, must file a written protest or no tice of intervention with the Division within fifteen days fol lowing publication of this notice. The Division's Prestding Offi		
4		lowing publication of this notice. The Division's Presiding Officer for the proceeding is Acting Associate Director - Oil an Gas, at P.O. 8ox 145801, Salt-Lake Cthy, UT 84114-5801 phone number (801) 538-5340. If such a protest or notic of intervention is received, a hearing will be scheduled in ac cordance with the aforementioned administrative procedure.		
MISC, CHARGES	AD CHARGES	rules. Profestants and/or interveners should be prepared t demonstrate at the hearing how this matter affects their in terests.		
		Dated this 27th day of May, 2010.		
	TOTAL COST	STATE OF UTAH DIVISION OF OIL, GAS & MINING		
	TOTAL COST	/s/ Gil Hunt Gil Hunt		
."	223.40	S82622 Associate Director UPAXL		

AFFIDAVIT OF PUBLICATION

AS NEWSPAPER AGENCY CORPORATION LEGAL BOOKER, I CERTIFY THAT THE ATTACHED ADVERTISEMENT OF <u>BEFORE THE DIVISION OF OIL.</u>
<u>GAS AND MINI</u> FOR <u>DIV OF OIL-GAS & MINING</u>, WAS PUBLISHED BY THE NEWSPAPER AGENCY CORPORATION, AGENT FOR THE SALT LAKE
TRIBUNE AND DESERET NEWS, DAILY NEWSPAPERS PRINTED IN THE ENGLISH LANGUAGE WITH GENERAL CIRCULATION IN UTAH, AND
PUBLISHED IN SALT LAKE CITY, SALT LAKE COUNTY IN THE STATE OF UTAH. NOTICE IS ALSO POSTED ON UTAHLEGALS.COM ON THE SAME DAY
AS THE FIRST NEWSPAPER PUBLICATION DATE AND REMAINS ON UTAHLEGALS.COM INDEFINATELY.

PUBLISHED ON	Start	06/02/2010	End	06/02/2010			A CRAFT State of Utah	1
SIGNATURE	The	etle I she	1			My Commis	on # 581469 sion Expires 12, 2014	1
DATE	6/3/2010		,		Vira	Mun	Gust	
		THIS IS NOT A STATEMENT	BUT A '	PROOF OF PUI	BLICATION"	1	1	

PLEASE PAY FROM BILLING STATEMENT

BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATURAL RESOURCES STATE OF UTAH NOTICE OF AGENCY ACTION CAUSE NO. UIC-365

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTION 24, TOWNSHIP 8 SOUTH, RANGE 16 EAST, AND SECTIONS 5, 6, and 8, TOWNSHIP 9 SOUTH, RANGE 16 EAST; DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Newfield Production Company for administrative approval of the following wells located in Duchesne County, Utah, for conversion to Class II injection wells:

Greater Monument Butte Unit:

Federal 10-24-8-16 well located in NW/4 SE/4, Section 24, Township 8 South, Range 16 East, South Wells Draw 16-5T-9-16 well located in SE/4 SE/4, Section 5, Township 9 South, Range 16 East Nine Mile 4-6-9-16 well located in NW/4 NW/4, Section 6, Township 9 South, Range 16 East Nine Mile 6-6-9-16 well located in SE/4 NW/4, Section 6, Township 9 South, Range 16 East West Point 6-8-9-16 well located in SE/4 NW/4, Section 8, Township 9 South, Range 16 East Monument Federal 31-8-9-16 well located in NW/4 NE/4, Section 8, Township 9 South, Range 16 East

The proceeding will be conducted in accordance with Utah Admin. R649-10, Administrative Procedures.

Selected zones in the Green River Formation will be used for water injection. The maximum requested injection pressures and rates will be determined based on fracture gradient information submitted by Newfield Production Company.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. The Division's Presiding Officer for the proceeding is Acting Associate Director – Oil and Gas, at P.O. Box 145801, Salt Lake City, UT 84114-5801, phone number (801) 538-5340. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedural rules. Protestants and/or interveners should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 27th day of May, 2010.

STATE OF UTAH DIVISION OF OIL, GAS & MINING

Gil Hunt

Associate Director

Newfield Production Company

MONUMENT BUTTE FEDERAL 10-24-8-16, SOUTH WELLS DRAW 16-5T-9-16, NINE MILE 4-6-9-16, NINE MILE 6-6-9-16, WEST POINT 6-8-9-16, MONUMENT FEDERAL 31-8-9-16.

Cause No. UIC-365

Publication Notices were sent to the following:

Newfield Production Company 1001 17th Street, Suite 2000 Denver, CO 80202

Uintah Basin Standard 268 South 200 East Roosevelt, UT 84066 via e-mail <u>ubs@ubstandard.com</u>

Salt Lake Tribune P O Box 45838 Salt Lake City, UT 84145 via e-mail naclegal@mediaoneutah.com

Vernal Office Bureau of Land Management 170 South 500 East Vernal, UT 84078 Duchesne County Planning P O Box 317 Duchesne, UT 84021-0317

Bruce Suchomel US EPA Region 8 MS 8P-W-GW 1595 Wynkoop Street Denver, CO 80202-1129

Newfield Production Company Rt 3 Box 3630 Myton, UT 84052

SITLA 675 East 500 South, Suite 500 Salt Lake City, UT 84102-2818

Jan Sweet

From:

Bonnie <bonnie@ubstandard.com>

To: Date: <jsweet@utah.gov>
5/27/2010 3:52 PM

Subject:

UIC 365

Jean,

Newfield Cause No. UIC 365 will run on June 1st. Thank you,

Bonnie Parrish Uintah Basin Standard 268 South 200 East Roosevelt, UT 84066 (435) 722-5131 (435) 722-4140 Fax bonnie@ubstandard.com



State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

May 27, 2010

Via e-mail: ubs@ubstandard.com

Uintah Basin Standard 268 South 200 East Roosevelt, UT 84066

Subject: Notice of Agency Action - Newfield Production Company Cause No. UIC-365

To whom it may concern:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please <u>notify me via e-mail of the date it will be published</u>. My e-mail address is: jsweet@utah.gov.

Please send proof of publication and billing to:

Division of Oil, Gas and Mining PO Box 145801 Salt Lake City, UT 84114-5801

Sincerely,

Jean Sweet

Executive Secretary

Enclosure



Jean Sweet - RE: Notice of Agency Action - Newfield Production Company Cause No. UIC-365

From: "NAC Legal" <naclegal@mediaoneutah.com>

To: "Jean Sweet" <jsweet@utah.gov>

Date: 5/27/2010 3:50 PM

Subject: RE: Notice of Agency Action - Newfield Production Company Cause No. UIC-365

Ad #582622 is scheduled to run June 2nd in Salt Lake Tribune, Deseret News and on the website utahlegals.com .

Total charge is \$223.40. Please check the ad in the papers.

Thank you,

Lynn Valdez
MediaOne of Utah,
a Newspaper Agency Company
4770 South 5600 West
West Valley City, Utah 84118
Ph.: 801-204-6245

Email: naclegal@mediaoneutah.com

From: Jean Sweet [mailto:jsweet@utah.gov] Sent: Thursday, May 27, 2010 3:02 PM To: naclegal@mediaoneutah.com

Subject: Notice of Agency Action - Newfield Production Company Cause No. UIC-365

To whom it may concern:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please <u>notify me via e-mail of the date it will be published</u>. My e-mail address is: <u>jsweet@utah.gov</u>.

Please send proof of publication and billing for account #9001402352 to:

Division of Oil, Gas and Mining PO Box 145801 Salt Lake City, UT 84114-5801 Jean Sweet, Executive Secretary Utah Div. of Oil, Gas & Mining 1594 West Temple, Suite 1210 Salt Lake City, UT 801-538-5329 jsweet@utah.gov



State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

May 27, 2010

VIA E-MAIL naclegal@mediaoneutah.com

Salt Lake Tribune P. O. Box 45838 Salt Lake City, UT 84145

Subject: Notice of Agency Action - Newfield Production Company Cause No. UIC-365

To whom it may concern:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please <u>notify me via e-mail of the date it will be published</u>. My e-mail address is: <u>isweet@utah.gov</u>.

Please send proof of publication and billing for account #9001402352 to:

Division of Oil, Gas and Mining PO Box 145801 Salt Lake City, UT 84114-5801

Sincerely,

Jean Sweet

Executive Secretary

Enclosure



STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES 5. LEASE DESIGNATION AND SERIAL NUMBER: DIVISION OF OIL, GAS AND MINING USA UTU-74390 6. IF INDIAN, ALLOTTEE OR TRIBE NAME: SUNDRY NOTICES AND REPORTS ON WELLS 7. UNIT or CA AGREEMENT NAME: Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals. **GMRH** 1. TYPE OF WELL: 8. WELL NAME and NUMBER: OIL WELL GAS WELL **OTHER** NINE MILE 6-6 2. NAME OF OPERATOR: 9. API NUMBER: NEWFIELD PRODUCTION COMPANY 4<u>3</u>01<u>331719</u> 3. ADDRESS OF OPERATOR: PHONE NUMBER 10. FIELD AND POOL, OR WILDCAT: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052 435.646.3721 GREATER MB UNIT 4. LOCATION OF WELL: FOOTAGES AT SURFACE: 2011 FNL 1869 FWL COUNTY: DUCHESNE OTR/OTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SENW, 6, T9S, R16E STATE: UT CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA TYPE OF SUBMISSION TYPE OF ACTION ACIDIZE DEEPEN REPERFORATE CURRENT FORMATION NOTICE OF INTENT (Submit in Duplicate) ALTER CASING FRACTURE TREAT SIDETRACK TO REPAIR WELL CASING REPAIR NEW CONSTRUCTION TEMPORARITLY ABANDON Approximate date work will CHANGE TO PREVIOUS PLANS OPERATOR CHANGE TUBING REPAIR 12/23/2010 CHANGE TUBING PLUG AND ABANDON VENT OR FLAIR ☐ SUBSEQUENT REPORT CHANGE WELL NAME PLUG BACK WATER DISPOSAL (Submit Original Form Only) CHANGE WELL STATUS PRODUCTION (START/STOP) WATER SHUT-OFF Date of Work Completion: COMMINGLE PRODUCING FORMATIONS RECLAMATION OF WELL SITE X OTHER: - Put on Injection X CONVERT WELL TYPE RECOMPLETE - DIFFERENT FORMATION 12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The above reference well was put on injection at 12:00 PM on 12-23-2010.

NAME (PLEASE PRINT) Lucy Chavez-Naupoto TITLE Administrative Assistant 12/29/2010 SIGNATURE DATE

(This space for State use only)

RECEIVED JAN 06 2011

DIV. OF OIL, GAS & MINING

FORM 3160-5 (August 2007)

UNITED STATES DEPARTMENT OF THE INTERIOR

FORM A	PPROVED
OMB No.	1004-013
Expires: Ju	alv 31.2010

SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill or to re-enter an		Lease Seri	al No.			
		USA UTU-	74390			
		6. If Indian, A	6. If Indian, Allottee or Tribe Name.			
SUBMIT IN	TRIPLICATE - Other In	istructions on p	age 2	7. If Unit or C	CA/Agreement, Name and/or	
1. Type of Well				GMBU		
	Other			8. Well Name	and No.	
Name of Operator NEWFIELD PRODUCTION CO	MDANV			NINE MILE	· · · · · · · · · · · · · · · · · · ·	
3a. Address Route 3 Box 3630	WEANT	3b. Phone (inc.	lude are code)	9. API Well N	:=:	
Myton, UT 84052		435.646.3721	mae are code)	4301331719	10. Field and Pool, or Exploratory Area	
4. Location of Well (Footage, S	ec., T., R., M., or Survey Descript		·	GREATER		
2011 FNL 1869 FWL		ŕ		11. County or		
SENW Section 6 T9S R16E				DUCHESN	E. UT	
12. CHECK	APPROPRIATE BOX(ES) TO INIDICAT	ΓE NATURE			
TYPE OF SUBMISSION			TYPE OF A	CTION		
▼ Notice of Intent	☐ Acidize	Deepen	□ P	roduction (Start/Resum	e) Water Shut-Off	
Notice of Intent	Alter Casing	☐ Fracture Treat	🔲 R	eclamation	Well Integrity	
Subsequent Report	Casing Repair	New Construc	tion 🔲 R	ecomplete	☑ Other	
Final Abandonment	Change Plans	Plug & Aband	on 🛄 T	emporarily Abandon	Put on Injection	
Final Abandonment	Convert to Injector	Plug Back	u v	Vater Disposal		
inspection.) The above reference well	was put on injection at 12:0	00 PM on 12-23-	2010.			
I hereby certify that the foregoing is correct (Printed/ Typed)	true and	Title				
Lucy Chavez-Naupoto	Administrative Assistant					
Signature	Date 12/29/2010					
	THIS SPACE FOI	R FEDERAL O	R STATE O	FFICE USE		
	The second secon					
	1. A1-0d11		Title		Date	
Conditions of approval, if any, are attache certify that the applicant holds legal or equal which would entitle the applicant to condu	itable title to those rights in the subject		Office			

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction



Governor

GREGORY S. BELL Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA Division Director

UNDERGROUND INJECTION CONTROL PERMIT

Cause No. UIC-365

Operator:

Newfield Production Company

Well:

Nine Mile 6-6-9-16

Location:

Section 6, Township 9 South, Range 16 East

County:

Duchesne

API No.:

43-013-31719

Well Type:

Enhanced Recovery (waterflood)

Stipulations of Permit Approval

- 1. Approval for conversion to Injection Well issued on June 29, 2010.
- 2. Maximum Allowable Injection Pressure: 2,000 psig
- 3. Maximum Allowable Injection Rate: (restricted by pressure limitation)
- 4. Injection Interval: Green River Formation (4,166' – 5,931')
- 5. Any subsequent wells drilled within a ½ mile radius of this well shall have production casing cement brought up to or above the top of the unitized interval for the Greater Monument Butte Unit.

Approved by:

Associate Director

JR/MLR/is

cc: Bruce Suchomel, Environmental Protection Agency Bureau of Land Management, Vernal Eric Sundberg, Newfield Production Company, Denver Newfield Production Company, Myton **Duchesne County**

Well File

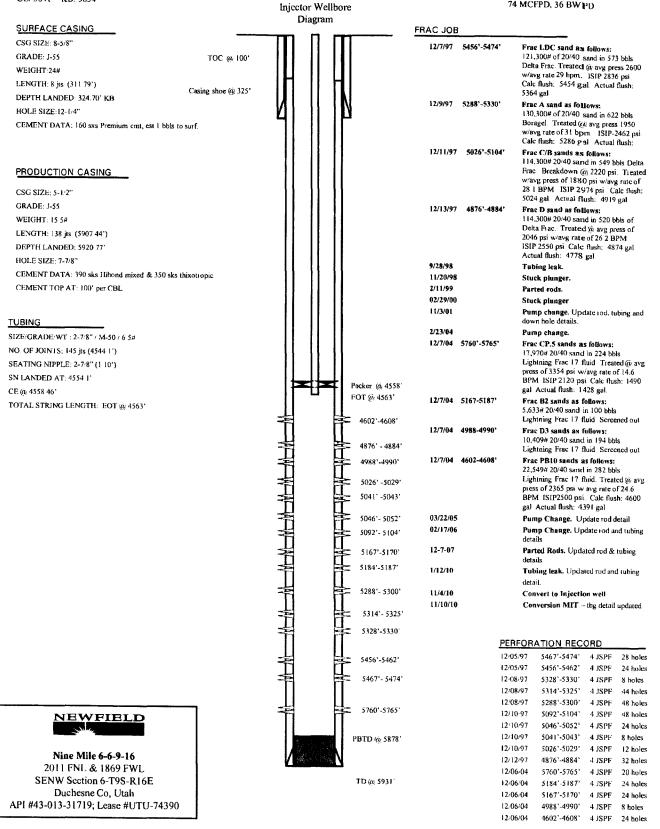
N:\O&G Reviewed Docs\ChronFile\UIC\Newfield



Nine Mile 6-6-9-16

Spud Date: 11/6/97 Put on Production: 12/17/97 GL: 5841' KB: 5854'

Initial Production: 75 BOPD, 74 MCFPD, 36 BWPD



Sundry Number: 66883 API Well Number: 43013317190000

	STATE OF UTAH		FORM 9
DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-74390	
SUNDF	RY NOTICES AND REPORTS ON	I WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
	oposals to drill new wells, significantly dee reenter plugged wells, or to drill horizonta n for such proposals.		7.UNIT or CA AGREEMENT NAME: GMBU (GRRV)
1. TYPE OF WELL Water Injection Well			8. WELL NAME and NUMBER: NINE MILE 6-6
2. NAME OF OPERATOR: NEWFIELD PRODUCTION CO	OMPANY		9. API NUMBER: 43013317190000
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT		IONE NUMBER:	9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2011 FNL 1869 FWL			COUNTY: DUCHESNE
QTR/QTR, SECTION, TOWNS	HIP, RANGE, MERIDIAN: 06 Township: 09.0S Range: 16.0E Meridian	: S	STATE: UTAH
11. CHEC	K APPROPRIATE BOXES TO INDICATE I	NATURE OF NOTICE, REPOR	RT, OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
On 10/05/2015 F contacted conce 10/08/2015 the cas 30 minutes with no test. The tubing pre	CHANGE TO PREVIOUS PLANS CHANGE WELL STATUS DEEPEN OPERATOR CHANGE PRODUCTION START OR RESUME REPERFORATE CURRENT FORMATION TUBING REPAIR WATER SHUTOFF WILDCAT WELL DETERMINATION COMPLETED OPERATIONS. Clearly show all particularly sh	f Utah DOGM was ove listed well. On psig and charted for ot injecting during the e test. There was not	CASING REPAIR CHANGE WELL NAME CONVERT WELL TYPE NEW CONSTRUCTION PLUG BACK RECOMPLETE DIFFERENT FORMATION TEMPORARY ABANDON WATER DISPOSAL APD EXTENSION OTHER: 5 YR MIT DEPths, volumes, etc. Accepted by the Utah Division of Oil, Gas and Mining Date: October 14, 2015 By:
NAME (PLEASE PRINT)	PHONE NUMBER		
SIGNATURE	435 646-4874	Water Services Technician DATE	
N/A		10/13/2015	

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Mechanical Integrity Test Casing or Annulus Pressure Test

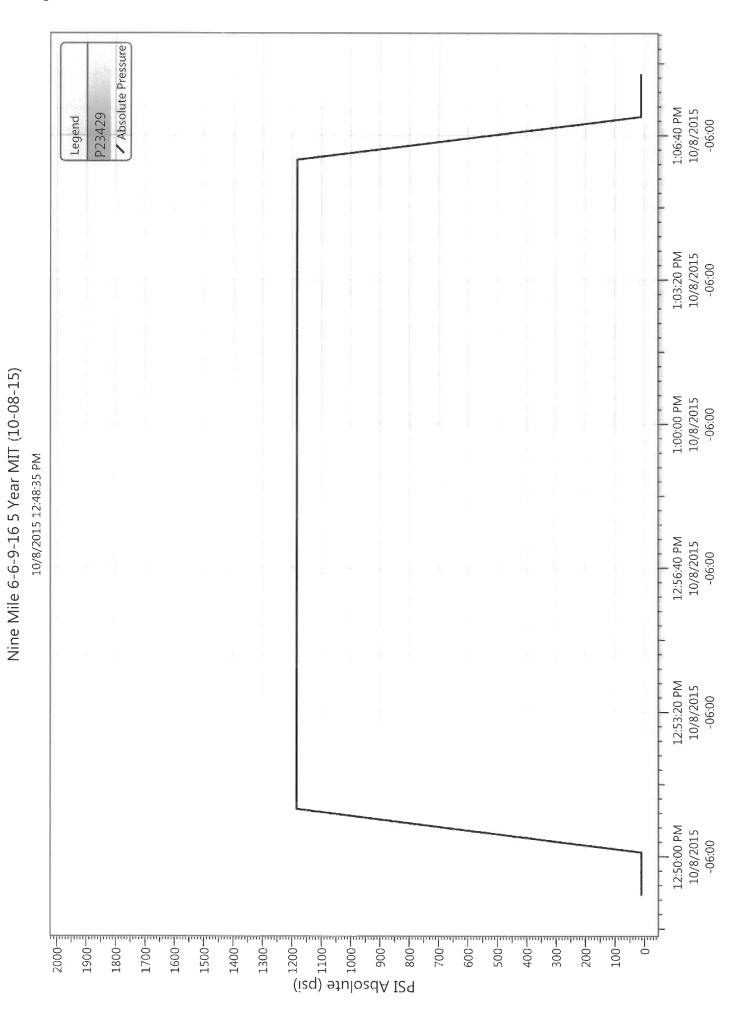
Newfield Production Company Rt. 3 Box 3630 Myton, UT 84052 435-646-3721

Witness:	Date 10 1 08 1 15	Time /2:57	am/pm/
Test Conducted by: Michael Jenses	1		
Others Present: 3. D. Day			
			•
Well: Nine Mile 6-6-9-16	Field: Mon	iment Butte	
Well Location: SE/NW Sec. 6, T95, R161	E API No: 43	013-31719	

Time	Casing Pressure	
0 min	1184.8	_ psig
5	1184.4	psig
10	1183.6	psig
15	1183 - 6	psig
20		psig
25		psig
30 min		psig
35		psig
40		psig
45		psig
50		psig
55		psig
60 min		psig
Tubing pressure:	1909	_ psig
Result:	Pass	Fail

Signature of Witness:		
Signature of Person Conducting Test:	Mulul	1/
	7	

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Nine Mile 6-6-9-16

Spud Date: 11 6 97 Put on Production: 12 17 97

GL: 5841' KB: 5854' 74 MCFPD, 36 BWPD Injector Wellbore Diagram FRAC JOB SURFACE CASING CSG SIZE: 8-5/8" 12/7/97 5456'-5474" Frac LDC sand as follows: 121,300# of 20/40 sand in 573 bbls GRADE: J-55 TOC 'a 100' Delta Frac. Treated @ avg press 2600 w/avg rate 29 bpm. ISIP 2836 psi. WEIGHT:24# Calc flush: 5454 gal. Actual flush: LENGTH: 8 jts (311.79') Casing shoe (a. 325) 5364 gal. DEPTH LANDED: 324.70' KB Frac A sand as follows: 130,300# of 20/40 sand in 622 bbls 12/9/97 5288'-5330' HOLE SIZE:12-1-4" Boragel. Treated a avg press 1950 CEMENT DATA: 160 sxs Premium cmt, est 1 bbls to surf. wavg rate of 31 bpm. ISIP-2462 psi. Cale flush: 5286 gal. Actual flush: 12/11/97 50261-51041 Frac C/B sands as follows: 114,300# 20/40 sand in 549 bbls Delta Frac. Breakdown a 2220 psi. Treated PRODUCTION CASING w/avg press of 1880 psi w/avg rate of 28.1 BPM. ISIP 2974 psi. Calc flush: CSG SIZE: 5-1/2" 5024 gal. Actual flush: 4919 gal. GRADE: J-55 12/13/97 4876'-4884' Frac D sand as follows: 114,300# 20/40 sand in 520 bbls of WEIGHT: 15.5# Delta Frac. Treated a avg press of 2046 psi wavg rate of 26.2 BPM. LENGTH: 138 jts. (5907.44') ISIP 2550 psi. Calc flush: 4874 gal. Actual flush: 4778 gal. DEPTH LANDED: 5920.77 HOLE SIZE: 7-7/8" 9/28/98 Tubing leak. CEMENT DATA: 390 sks Hibond mixed & 350 sks thixotropic 11/20/98 Stuck plunger. 2/11/99 Parted rods. CEMENT TOP AT: 100' per CBL 02/29/00 Stuck plunger 11/3/01 Pump change. Update rod, tubing and down hole details TUBING 2/23/04 Pump change. SIZE GRADE WT .: 2-7 8" M-50 6.5# 12/7/04 5760'-5765" Frac CP.5 sands as follows: 17,970# 20/40 sand in 224 bbls NO. OF JOINTS: 145 jts (4544.1') Lightning Frac 17 fluid. Treated a avg SEATING NIPPLE: 2-7 8" (1.10") press of 3354 psi wavg rate of 14.6 BPM. ISIP 2120 psi. Calc flush: 1490 SN LANDED AT: 4554.1" Packer at 4558 gal. Actual flush: 1428 gal. CE a 4558.46 EOT at 4563 12/7/04 5167-5187 Frac B2 sands as follows: TOTAL STRING LENGTH: EOT @ 4563* 5.633# 20/40 sand in 100 bbls Lightning Frac 17 fluid. Screened out. 4602'-4608' 12/7/04 4988-4990 Frac D3 sands as follows: 10,409# 20/40 sand in 194 bbls 4876" - 4884" Lightning Frac 17 fluid. Screened out. 12/7/04 4602-4608 Frac PB10 sands as follows: 4988'-4990" 22,549# 20/40 sand in 282 bbls Lightning Frac 17 fluid. Treated a avg 5026" -5029" press of 2365 psi w avg rate of 24.6 BPM. ISIP2500 psi. Calc flush: 4600 gal. Actual flush: 4391 gal. 5041 -5043 5046'- 5052' 03/22/05 Pump Change. Update rod detail 02/17/06 Pump Change. Update rod and tubing 5092'- 5104' details 12-7-07 Parted Rods. Updated rod & tubing 5167'-5170' 5184'-5187' 1/12/10 Tubing leak. Updated rod and tubing detail. 5288'- 5300' 11/4/10 Convert to Injection well 11/10/10 Conversion MIT - tbg detail updated 5314'- 5325' 5328'-5330' PERFORATION RECORD 12.05.97 5467'-5474' 4 ISPF 28 holes 5456'-5462" 12/05/97 5456'-5462' 4 JSPF 24 holes 5328'-5330' 4 JSPF 5467' - 5474" 12 08 97 8 holes 5314'-5325' 12 08 97 4 JSPF 44 holes 12:08:97 5288'-5300" 4 ISPF 48 holes 5760'-5765' 12 10 97 5092'-5104' 4 JSPF 48 holes NEWFIELD 12 10 97 5046"-5052" 4 JSPF 24 holes 12/10/97 5041'-5043' 4 JSPF 8 holes PBTD @ 5878 12 10 97 5026'-5029' 4 JSPF 12 holes Nine Mile 6-6-9-16 12:12:97 4876"-4884" 4 JSPF 2011 FNL & 1869 FWL 12.06.04 5760'-5765' 4 ISPF 20 holes TD a 5931 SENW Section 6-T9S-R16E 12 06 04 5184'-5187' 4 JSPF 24 holes 5167"-5170" 12 06 04 4 JSPF 24 holes Duchesne Co, Utah 4988'-4990' 4 JSPF API #43-013-31719; Lease #UTU-74390 12/06/04 8 holes 12 06 04 4602'-4608' 4 JSPF 24 holes

Initial Production: 75 BOPD.